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AGRICULTURE

National Cooperative Dairy Herd Improvement Program



A plan for every size herd

STANDARD DHIA

OWNER SAMPLER

WEIGH-A-DAY-A-MONTH

AGRICULTURAL RESEARCH SERVICE, U. S. DEPARTMENT OF AGRICULTURE

ARS-52-47
(Vol. 33, No. 2)

February 1957

DAIRY PRODUCTION RECORDKEEPING INCREASING

For the first time an annual report is compiled on the total number of herds and cows included in the National Cooperative Dairy Herd Improvement Program, consisting of the Standard DHIA, the Owner-Sampler and the Weigh-a-Day-a-Month Recordkeeping Plans.

More cows are on test in the Standard DHIA Recordkeeping Plan than ever before. On January 1, 1957, there were 1,479,799 cows on test. This is 73,493, or 5.2 percent, more cows than were on test January 1, 1956.

More cows were on test in the Owner-Sampler Recordkeeping Plan than ever before. On January 1, 1957, there were 405,090 cows on test. This is 30,611, or 8.2 percent, more cows than were on test January 1, 1956.

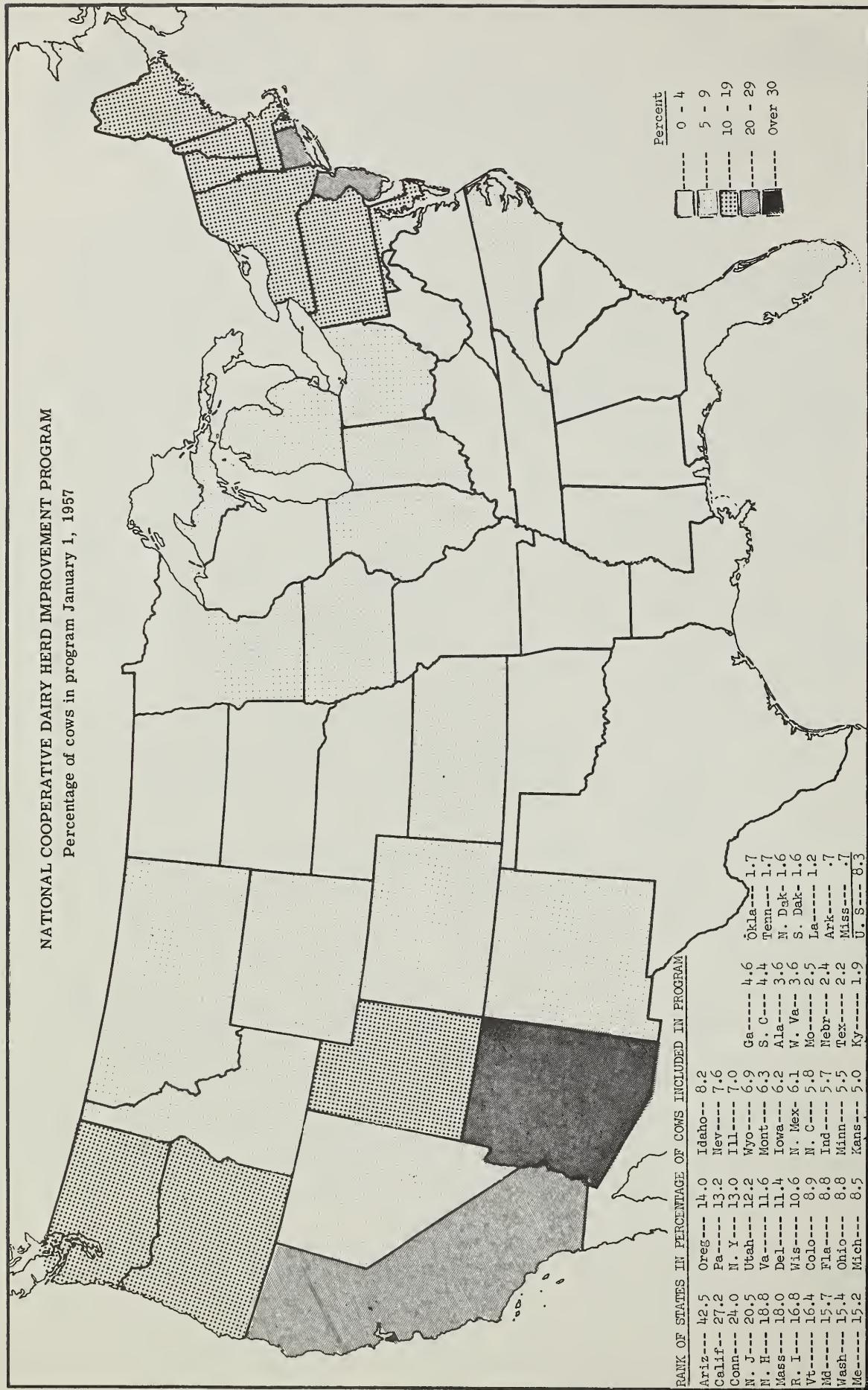
For the first time a report is made on the number of cows included in the Weigh-a-Day-a-Month Dairy Recordkeeping Plan. This Plan was first introduced on a national scale last September and is still to be introduced in many counties of the country. The WADAM report is, therefore, a progress report only.

Included in the National Cooperative Dairy Herd Improvement Program (DHIA, OS, and WADAM) are 63,590 herds and 1,906,186 cows. This number of cows represents 8.3 percent of the cows of the nation.

Wisconsin leads the States in the number of cows and Arizona leads the States in the percentage of cows included in the National Cooperative Dairy Herd Improvement Program.

Data on the status of the National Cooperative Dairy Herd Improvement Program by States, as reported by State Extension Dairymen, are given on the following pages.

NATIONAL COOPERATIVE DAIRY HERD IMPROVEMENT PROGRAM
Percentage of cows in program January 1, 1957



DAIRY HERD IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES

(Active January 1, 1957)

State	Associa- tions	Super- visors	Herds	Cows	Average cows per herd	Average per supervisor		Milk cows in United States 1/ in DHIA's		
						Herds	Cows	Total	Thousands	Percent
	Number	Number	Number	Number	Number	Number	Number			
Me-----	16	28	584	17,174	29.4	20.9	613	121		14.2
N. H-----	9	16	340	11,253	33.1	21.3	703	71		15.8
Vt-----	53	67	1,071	40,840	38.1	16.0	611	320		12.8
Mass-----	13	31	543	20,278	37.3	17.5	654	123		16.5
R. I-----	3	3	68	2,898	42.6	22.7	966	18		16.1
Conn-----	8	26	658	25,062	38.1	25.3	964	117		21.4
N. Y-----	49	205	4,048	125,225	30.9	19.7	611	1,482		8.4
Pa-----	219	218	4,892	133,021	27.2	22.4	610	1,049		12.7
N. J-----	29	29	605	27,851	46.0	20.9	960	154		18.1
Md-----	45	48	946	39,397	41.6	19.7	821	251		15.7
Del-----	3	6	118	3,671	31.1	19.7	612	34		10.8
Va-----	59	60	996	49,596	49.8	16.6	827	432		11.5
W. Va-----	15	22	229	7,215	31.5	10.4	328	201		3.6
Ky-----	39	39	370	12,124	32.8	9.5	311	654		1.9
N. C-----	38	39	563	21,043	37.4	14.4	540	379		5.6
S. C-----	12	12	136	7,486	55.0	11.3	624	171		4.4
Ga-----	21	24	257	13,878	54.0	10.7	578	329		4.2
Fla-----	9	11	96	15,988	166.5	8.7	1,453	210		7.6
Ala-----	18	18	238	13,977	58.7	13.2	777	384		3.6
Miss-----	4	5	96	4,348	45.3	19.2	870	581		.7
Tenn-----	19	25	296	11,438	38.6	11.8	458	681		1.7
La-----	9	9	55	3,515	63.9	6.1	391	345		1.0
Ark-----	6	6	45	1,481	32.9	7.5	247	381		3.9
Ohio-----	80	133	1,847	47,573	25.8	13.9	358	930		5.1
Ind-----	67	102	1,384	33,680	24.3	13.6	330	588		5.7
Ill-----	96	99	1,868	51,902	27.8	18.9	524	849		6.1
Mich-----	106	109	2,182	57,030	26.1	20.0	523	880		6.5
Wis-----	76	136	2,818	90,613	32.2	20.7	666	2,604		3.5
Minn-----	132	144	3,204	80,666	25.2	22.3	560	1,557		5.2
Iowa-----	75	92	1,872	45,558	24.3	20.3	495	1,100		4.1
Mo-----	46	49	719	21,623	30.1	14.7	441	899		2.4
N. Dak-----	11	11	158	3,634	23.0	14.4	330	398		.9
S. Dak-----	11	11	156	3,997	25.6	14.2	363	325		1.2
Nebr-----	26	34	398	10,345	26.0	11.7	304	450		2.3
Kans-----	45	52	906	23,586	26.0	17.4	454	498		4.7
Okla-----	21	29	146	5,408	37.0	5.0	186	414		1.3
Tex-----	24	27	337	18,146	53.8	12.5	672	824		2.2
Mont-----	8	8	157	5,571	35.5	19.6	696	104		5.4
Idaho-----	33	33	1,549	20,166	13.0	46.9	611	245		8.2
Wyo-----	6	6	55	1,500	27.3	9.2	250	44		3.4
Nev-----	4	4	32	1,212	37.9	8.0	303	16		7.6
Utah-----	22	25	489	13,228	27.1	19.6	529	112		11.8
Colo-----	21	25	323	12,627	39.1	12.9	505	161		7.6
N. Mex-----	4	5	42	2,977	70.9	8.4	595	52		5.7
Ariz-----	5	13	237	21,455	90.5	18.2	1,650	51		42.1
Wash-----	26	48	940	36,528	38.9	19.6	761	295		12.4
Ore-----	20	35	549	23,655	43.1	15.7	676	217		10.9
Calif-----	35	123	1,971	231,971	117.7	16.0	1,886	927		25.0
Hawaii-----	1	6	6	269	44.8	1.0	45	(2)		2.4
Alaska-----	0	0	0	0	-----	-----	-----	-----		-----
P. R-----	3	4	43	6,120	142.3	10.8	1,530	---		---
Total or average	1,700	2,310	41,638	1,479,799	35.5	18.0	641	23,028		6.4

1/ Estimated by the Agricultural Marketing Service; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1957.

2/ 11,290; estimated by the Economics Department, University of Hawaii.

GROWTH OF DAIRY-HERD-IMPROVEMENT ASSOCIATION WORK IN THE UNITED STATES
(1906 - 1957 inclusive)

Year	Associations	Supervisors	Herds	Cows	Average	Average production		
			on test	on test	cows per herd	Milk	Test	Butterfat
	Number	Number	Number	Number	Number	Pounds	Percent	Pounds
1906	1	-----	31	239	7.7	5,300	4.1	215
1907	4	-----	-----	1,606	-----	5,366	4.1	220
1908	6	-----	-----	3,921	-----	-----	-----	---
1909	25	-----	-----	11,921	-----	-----	-----	---
1910	40	-----	-----	1/ 25,000	-----	1/ 5,730	4.0	1/ 227
1911	64	-----	-----	1/ 40,000	-----	-----	-----	---
1912	82	-----	-----	1/ 43,000	-----	-----	-----	---
1913	100	-----	-----	47,150	-----	-----	-----	---
1914	163	-----	-----	73,280	-----	-----	-----	---
1915	211	-----	-----	105,526	-----	-----	-----	---
1916	346	-----	-----	150,677	-----	-----	-----	---
1917	459	-----	11,720	216,831	18.5	-----	-----	---
1918	353	-----	9,778	172,518	17.6	-----	-----	---
1919	385	-----	10,000	167,313	16.7	-----	-----	---
1920	468	-----	11,948	203,472	17.0	6,175	4.0	247
1921	452	-----	11,209	193,928	17.3	-----	-----	---
1922	513	-----	12,508	215,321	17.2	-----	-----	---
1923	627	-----	16,357	277,010	16.9	-----	-----	---
1924 2/-	---	-----	-----	-----	-----	-----	-----	---
1925	732	-----	18,677	307,073	16.4	7,189	4.0	284
1926	777	-----	19,540	327,653	16.8	7,331	4.0	290
1927	837	-----	21,128	362,014	17.1	7,411	4.0	293
1928	947	-----	23,327	414,891	17.8	7,476	4.0	296
1929	1,090	-----	26,182	465,804	17.8	7,498	4.0	298
1930	1,143	-----	27,888	507,549	18.2	7,642	4.0	303
1931	1,112	-----	26,308	510,714	19.4	7,812	3.9	306
1932	1,005	-----	20,351	427,044	21.0	7,858	3.9	310
1933	881	-----	15,447	358,501	23.2	7,849	4.0	313
1934	793	-----	13,694	325,837	23.8	8,015	4.0	322
1935	809	-----	15,573	364,218	23.4	7,977	4.0	322
1936	876	-----	17,344	404,412	23.3	7,912	4.0	319
1937	992	-----	20,772	496,562	23.9	7,923	4.0	320
1938	1,106	-----	23,701	558,993	23.6	7,831	4.0	317
1939	1,228	-----	25,949	625,284	24.1	7,977	4.1	323
1940	1,300	-----	27,948	676,141	24.2	8,133	4.1	331
1941	1,383	-----	31,381	763,502	24.3	8,225	4.1	335
1942	1,421	-----	32,957	816,117	24.8	8,323	4.1	339
1943	1,057	-----	24,155	616,972	25.5	8,325	4.1	338
1944	954	-----	20,825	561,587	27.0	8,296	4.1	336
1945	949	-----	21,254	577,200	27.2	8,592	4.0	346
1946	1,124	-----	23,331	627,878	27.0	8,635	4.0	349
1947	1,426	-----	28,812	775,546	26.9	8,638	4.0	348
1948	1,668	-----	33,274	886,129	26.6	8,675	4.0	350
1949	1,787	-----	35,851	943,939	26.3	8,907	4.0	359
1950	1,973	-----	40,100	1,088,872	27.2	9,172	4.0	370
1951	2,143	-----	42,949	1,186,615	27.6	9,195	4.0	370
1952	2,109	-----	40,105	1,166,297	29.1	9,192	4.0	366
1953	2,151	-----	40,983	1,226,588	29.9	9,253	4.0	368
1954	2,175	-----	41,254	1,311,698	31.8	9,363	4.0	372
1955	2,288	-----	41,240	1,333,866	32.3	9,502	3.9	375
1956	2,266	-----	40,984	1,406,306	34.3	-----	-----	---
1957 3/-	1,700	2,310	41,638	1,479,799	35.5	-----	-----	---

1/ Estimated.

2/ Date for collecting data changed in 1924 from July 1 to January 1.

3/ Prior to 1957 associations were counted on the basis of supervisor circuits.

OWNER-SAMPLER DAIRY RECORDKEEPING IN THE UNITED STATES

(January 1, 1957)

State	Counties	Herds	Cows	State	Counties	Herds	Cows
	Number	Number	Number		Number	Number	Number
Me-----:	7	65	1,220	N. Dak----:	22	90	1,106
N. H-----:	7	100	2,100	S. Dak----:	6	59	1,240
Vt-----:	13	406	11,581	Nebr-----:	10	22	420
Mass-----:	6	82	1,751	Kans-----:	10	50	500
R. I-----:	1	4	134	Okla-----:	5	55	1,250
Conn-----:	8	85	2,500	Tex-----:	0	0	0
N. Y-----:	47	2,598	66,835	Mont-----:	8	32	808
Pa-----:	10	118	4,722	Idaho----:	0	0	0
N. J-----:	10	114	3,377	Wyo-----:	10	49	1,548
Md-----:	2	3	60	Nev-----:	0	0	0
Del-----:	2	11	180	Utah----:	2	16	249
:	:	:	:	Colo-----:	17	60	1,634
Va-----:	1	5	108	N. Mex----:	0	0	0
W. Va----:	1	2	22	Ariz-----:	2	6	217
Ky-----:	0	0	0	Wash----:	20	414	8,980
N. C-----:	12	43	1,045	Oreg-----:	22	221	4,353
S. C-----:	0	0	0	Calif----:	28	674	20,547
Ga-----:	0	0	0	:	:	:	:
Fla-----:	0	0	0	Hawaii----:	0	0	0
Ala-----:	0	0	0	Alaska----:	1	15	250
Miss----:	0	0	0	P. R-----:	1	10	800
Tenn----:	1	5	118	:	:	:	:
La-----:	0	0	0	:	:	:	:
Ark-----:	10	50	1,100	:	:	:	:
:	:	:	:	:	:	:	:
Ohio----:	83	1,864	33,895	:	:	:	:
Ind-----:	0	0	0	:	:	:	:
Ill-----:	27	333	5,600	:	:	:	:
Mich----:	58	760	13,266	:	:	:	:
Wis-----:	68	10,937	186,333	:	:	:	:
Minn----:	17	220	4,618	:	:	:	:
Iowa----:	85	1,152	19,719	:	:	:	:
Mo-----:	7	48	904	:	:	:	:
				Total----:	647	20,778	405,090

WEIGH-A-DAY-A-MONTH DAIRY RECORDKEEPING IN THE UNITED STATES

(January 1, 1957)

State	Counties	Herds	Cows	State	Counties	Herds	Cows
	Number	Number	Number		Number	Number	Number
Me-----:	0	0	0	N. Dak----:	17	103	1,491
N. H-----:	0	0	0	S. Dak----:	0	0	0
Vt-----:	0	0	0	Nebr-----:	8	25	250
Mass----:	10	4	60	Kans-----:	15	100	900
R. I-----:	0	0	0	Oklahoma----:	12	26	550
Conn----:	7	25	500	Tex-----:	2	6	256
N. Y-----:	0	0	0	Mont-----:	3	6	163
Pa-----:	8	9	203	Idaho----:	0	0	0
N. J-----:	3	6	275	Wyo-----:	0	0	0
Md-----:	0	0	0	Nev-----:	0	0	0
Del-----:	1	2	24	Utah-----:	2	19	203
:				Colo-----:	0	0	0
Va-----:	6	14	396	N. Mex----:	2	7	171
W. Va----:	1	3	47	Ariz-----:	0	0	0
Ky-----:	0	0	0	Wash-----:	0	0	0
N. C-----:	0	0	0	Oreg-----:	21	175	2,360
S. C-----:	0	0	0	Calif----:	0	0	0
Ga-----:	12	70	1,400	:			
Fla-----:	11	19	2,553	Hawaii----:	1	1	34
Ala-----:	1	3	30	Alaska----:	0	0	0
Miss----:	0	0	0	P. R-----:	0	0	0
Tenn----:	0	0	0	:			
La-----:	4	20	560	:			
Ark-----:	0	0	0	:			
:				:			
Ohio----:	0	0	0	:			
Ind-----:	0	0	0	:			
Ill-----:	12	117	2,063	:			
Mich----:	44	224	4,070	:			
Wis----:	2	2	35	:			
Minn----:	5	13	203	:			
Iowa----:	20	175	2,500	:			
Mo-----:	0	0	0	:			
				Total-----:	230	1,174	21,297

THE NATIONAL COOPERATIVE DAIRY HERD IMPROVEMENT PROGRAM

(January 1, 1957)

State	Standard DHIA		Owner-Sampler		Weigh-a-Day-		Total		Milk cows		
	Herds		Cows		Herds		Cows		Herds		in United
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent	States 2/
Me-----	584	17,174	65	1,220	0	0	649	18,394	15.2	121	
N. H---	340	11,253	100	2,100	0	0	440	13,353	18.8	71	
Vt-----	1,071	40,840	406	11,581	0	0	1,477	52,421	16.4	320	
Mass---	543	20,278	82	1,751	4	60	629	22,089	18.0	123	
R. I---	68	2,898	4	134	0	0	72	3,032	16.3	18	
Conn---	658	25,062	85	2,500	25	500	768	28,062	24.0	117	
N. Y---	4,043	125,225	2,598	66,835	0	0	6,646	192,060	13.0	1,482	
Pa-----	4,892	133,021	118	4,722	9	203	5,019	137,946	13.2	1,049	
N. J---	605	27,851	114	3,377	6	275	725	31,503	20.5	154	
Md-----	946	39,397	3	60	0	0	949	39,457	15.7	251	
Del-----	118	3,671	11	180	2	24	131	3,875	11.4	34	
Va-----	996	49,596	5	108	14	396	1,015	50,100	11.6	432	
W. Va--	229	7,215	2	22	3	47	234	7,284	3.6	201	
Ky-----	370	12,124	0	0	0	0	370	12,124	1.9	654	
N. C---	563	21,043	43	1,045	0	0	606	22,088	5.8	379	
S. C---	136	7,486	0	0	0	0	136	7,486	4.4	171	
Ga-----	257	13,878	0	0	70	1,400	327	15,278	4.6	329	
Fla---	96	15,988	0	0	19	2,553	115	18,541	8.8	210	
Ala---	238	13,977	0	0	3	30	241	14,007	3.6	384	
Miss---	96	4,348	0	0	0	0	96	4,348	.7	581	
Tenn---	296	11,438	5	118	0	0	301	11,556	1.7	681	
La-----	55	3,515	0	0	20	560	75	4,075	1.2	345	
Ark---	45	1,481	50	1,100	0	0	95	2,581	.7	361	
Ohio---	1,847	47,573	1,864	33,895	0	0	3,711	81,468	8.8	930	
Ind---	1,384	33,580	0	0	0	0	1,384	33,680	5.7	588	
Ill-----	1,068	51,902	333	5,600	117	2,063	2,318	59,565	7.0	849	
Mich---	2,182	57,030	760	13,266	224	4,070	3,166	74,366	6.5	820	
Wis---	2,818	90,613	10,937	186,333	2	35	13,757	276,981	10.6	2,604	
Minn---	3,204	80,666	220	4,618	13	203	3,437	85,487	5.5	1,557	
Iowa---	1,872	45,558	1,152	19,719	175	2,500	3,199	67,777	6.2	1,100	
Mo-----	719	21,623	48	904	0	0	767	22,527	2.5	899	
N. Dak-	158	3,634	90	1,106	103	1,491	351	6,231	1.6	398	
S. Dak-	156	3,997	59	1,240	0	0	215	5,237	1.6	325	
Nebr---	398	10,345	22	420	25	250	445	11,015	2.4	450	
Kans---	906	23,586	50	500	100	900	1,056	24,986	5.0	498	
Okla---	146	5,408	55	1,250	26	550	227	7,208	1.7	414	
Tex---	337	18,146	0	0	6	256	343	18,402	2.2	824	
Mont---	157	5,571	32	808	6	163	195	6,542	6.3	104	
Idaho--	1,549	20,166	0	0	0	0	1,549	20,166	8.2	245	
Wyo---	55	1,500	49	1,548	0	0	104	3,048	6.9	44	
Nev---	32	1,212	0	0	0	0	32	1,212	7.6	16	
Utah---	489	13,228	16	249	19	203	524	13,680	12.2	112	
Colo---	323	12,627	60	1,634	0	0	383	14,261	8.9	161	
N. Mex-	42	2,977	0	0	7	171	49	3,148	6.1	52	
Ariz---	237	21,455	6	217	0	0	243	21,672	42.5	51	
Wash---	940	36,528	414	8,980	0	0	1,354	45,508	15.4	295	
Oreg---	549	23,655	221	4,353	175	2,360	945	30,368	14.0	217	
Calif--	1,971	231,971	674	20,547	0	0	2,645	252,518	27.2	927	
Hawaii-	6	269	0	0	1	34	7	303	---	---	
Alaska-	0	0	15	250	0	0	15	250	---	---	
P. R---	43	6,120	10	800	0	0	53	6,920	---	---	
Total--	41,638	1,479,799	20,778	405,090	1,174	21,297	63,590	1,906,186	8.3	23,028	

1/ Percentage of cows included in the National Cooperative Dairy Herd Improvement Program.

2/ Estimated by the Agricultural Marketing Service; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1957.

COUNTIES, BY STATE, WITH 20% OR MORE COWS INCLUDED IN THE
NATIONAL COOPERATIVE DAIRY HERD IMPROVEMENT PROGRAM

(January 1, 1957)

State	Name of county	Cows (percent)	State	Name of county	Cows (percent)	State	Name of county	Cows (percent)
ARIZONA			GEORGIA	Clarke	40	NEW YORK (con't.)	Onondaga	21
Pinal	72		Newton	33		Rensselaer	21	
Maricopa	62		Walton	32		Chautauqua	20	
Greenlee	61		Spalding	21		Schoharie	20	
Pima	52		Jasper	20		Yates	20	
Graham	45		HAWAII	N. Hawaii	67	NORTH CAROLINA	Carteret	53
CALIFORNIA				Molokai	63	Cumberland	26	
Kern	60		ILLINOIS	Kendall	21	Lenoir	25	
Del Norte	54			Lake	20	Guilford	20	
Santa Cruz	54		MAINE	Twin	26	OHIO	Lorain	26
Monterey	51			Waldo	23	Champaign	24	
Orange	48			Cumberland	20	Medina	23	
Marin	45			Kennebec	20	OREGON	Washington	27
Napa	44			Oxford	20	Josephine	25	
Madera	44			Penobscot	20	Clatsop	23	
Sonoma	42		MARYLAND	Howard	36	Klamath	21	
San Diego	42			Montgomery	35	UTAH	Wasatch	42
Fresno	41			Allegany	31	Davis	34	
Stanislaus	39			Harford	27	Summit	28	
San Bernardino	38			Baltimore	21	Utah	20	
Santa Barbara	35		MASSACHUSETTS	Dukes	57	VIRGINIA	Henrico	45
San Joaquin	35			Barnstable	41	Loudoun	40	
Santa Clara	33			Berkshire	25	Culpeper	39	
Merced	32			Plymouth	23	Princess Anne	34	
Alameda	27		MICHIGAN	Iron	25	James City	34	
Placer Nevada	27			Luce	24	Fairfax	32	
Tulare	26			Ingham	21	Powhatan	31	
Los Angeles	24			Oakland	20	Prince William	30	
Kings	24		NEVADA	White Pine	80	Norfolk	29	
Mendocino	24			Washoe	48	Roanoke	26	
Solano-Yolo	24		NEW HAMPSHIRE	Cheshire	33	Isle of Wight	26	
Shasta	22			Sullivan	29	Hanover	25	
Lake	22			Hillsboro	24	Orange	25	
Riverside	22			Merrimack	24	Amelia	24	
Tehama	21			Grafton	22	Fauquier	21	
Sacramento	21		NEW MEXICO	Dona Ana	82	Nottaway	21	
Butte	20			Valencia	32	Gloucester	20	
COLORADO			NEW YORK	Dutchess	41	WASHINGTON	Walla Walla	44
Pueblo	31			Genesee	38	Grays Harbor	38	
CONNECTICUT				Ontario	35	Jefferson	36	
Middlesex	39			Wyoming	35	Clallam	31	
Tolland	35			Orleans	31	Skagit Island	30	
Litchfield	33			Seneca	31	Wahkiakum	30	
Windham	24			Monroe	30	Thurston Mason	29	
New London	22			Wayne	30	Pierce	28	
New Haven	22			Cortland	29	Snohomish	27	
Hartford	21			Steuben	28	Grant	26	
FLORIDA				Columbia	26	Franklin	25	
Sarasota	82			Tompkins	26	Kitsap	24	
Leon	76			Livingston	25	King	23	
Highlands	74			Montgomery	25	Spokane	23	
Glades	67			Chemung	24	WISCONSIN	Winnebago	25
St. Johns	66			Chenango	22	Kenosha	25	
Manatee	57			Ulster	22	Rock	25	
Orange	50				Walworth	23		
Volusia	45				Waukesha	21		
Calhoun	44				Jefferson	20		
Hendry	39							
Indian River	37							
Jefferson	31							
Gulf	28							
Martin	24							
Seminole	24							
Lake	21							
Pinellas	20							

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DHIA PROVED-SIRE RECORDS TABULATED IN JANUARY 1957

Following is a list of 253 sires whose records were tabulated or retabulated by the Dairy Husbandry Research Branch in January 1957. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The asterisk may be followed by any number from 1 through 15 (i.e., *12) to indicate in which of the 15 printed lists his previous record appeared. Or the asterisk may be followed by the month and year (i.e., *May 51) of the DHIA letter in which his previous record appeared. Two asterisks following the sire's registration number, or following reference, to a previous listing, indicate that the proved-sire tabulation or retabulation was requested by one of the States.

In case records from more than one herd were used, the reference is to the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

Proved-sire records consisting of fewer than 10 comparisons are indicated as "preliminary proofs" because these records may be significantly changed when additional comparisons become available and are included in the proved-sire records.

Proved-sire records consisting of fewer than 25 comparisons with daughters resulting from artificial breeding are indicated as "preliminary AB proofs" because these records may be significantly changed when additional comparisons become available and are included in the proved-sire records.

To make the most intelligent selection of a sire, the dairyman should use these proved-sire records to single out the most promising sire and then make every effort to supplement these data with additional information gathered from the herds in which the dams and daughters made their records. Particular attention should be given to the feeding practices and environmental conditions under which the records were made, in order to be assured that the records of the daughters were not made under more favorable conditions than those of the dams or vice versa. It is especially important to determine that there has been no selection of daughters in making the comparison.

AYRSHIRE Sires	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ANCHOR MERE SIR JAMES 102412-----	8 daughters-	9	7,733	4.2	329
Preliminary proof, 1-31-57; ; Minn.	7 daughters-	8	7,309	4.2	336
Born, 2-10-50; sire, 94065; dam, 324721.	7 dams----	24	9,880	4.0	398
Used by John Zwagerman, Belgrade.	Difference--	(0-6-2)	-1,971	+.2	-.62
AYR-ASH BROOK LAD 104463 -----	5 daughters-	5	8,999	3.8	345
Preliminary proof, 1-31-57; ; N. Y.	5 dams----	11	11,083	4.1	451
Born, 9-10-49; sire, 90582; dam, 382235.	Difference--	(1-2-1)	-2,084	-.3	-.106
Used by Ivan Ford, McDonough.					
AYR-LINE ROYAL BOY 98585-----	5 daughters-	8	10,846	3.9	420
Preliminary proof, 1-31-57; ; Kans.	5 dams----	24	10,606	3.8	398
Born, 12-21-48; sire, 68064; dam, 313676.	Difference--	(3-3-4)	+240	+.1	+.22
Used by Leslie Brown, Kingman.					
BLACK ACRES PENSHURST MAN 87721 -----	7 daughters-	13	8,664	4.0	344
Preliminary proof, 1-17-57; dead ; Ohio.	5 daughters-	7	8,561	3.9	333
Born, 2-14-47; sire, 55761; dam, 236529.	5 dams----	23	10,077	3.9	392
Used by Gus Langle & Son, Kirkersville.	Difference--	(2-4-1)	-1,516	.0	-.59
BROAD PLACE LEADING MAN 91205-----	6 daughters-	8	7,406	4.1	301
Preliminary proof, 1-25-57; ; N. H.	6 dams----	26	7,868	4.2	330
Born, 10-31-47; sire, 55678; dam, 312771.	Difference--	(2-2-2)	-462	-.1	-.29
Used by Sexton W. Fletcher, Greenfield.					
BROOK PINE MAGNET'S LINDY 103577-----	15 daughters	23	10,033	3.9	395
Born, 9-25-48; proved, 1-31-57; ; N. Y.	15 dams----	51	9,802	4.0	392
Sire, 67757; dam, 265690.	Difference--	(7-8-7)	+231	-.1	+.3
Used by Francis Gilbert, Stamford.					
CLOVER CREST BIG CHIEF 97688-----	8 daughters-	12	10,127	4.2	430
Preliminary proof, 1-31-57; ; Pa.	8 dams----	42	9,675	4.1	401
Born, 1-24-49; sire, 83569; dam, 270876.	Difference--	(5-4-6)	+452	+.1	+.29
Used by Ardrossan Farm, Ithan.					
CLOVER MEADOWS NORTH STAR 102153-----	6 daughters-	7	8,640	4.0	348
Preliminary proof, 1-31-57; ; N. Y.	6 dams----	18	8,814	4.2	366
Born, 3-13-50; sire, 88118; dam, 319163.	Difference--	(2-1-3)	-174	-.2	-.18
Used by Max Cohn, Ballston Lake.					

AYRSHIRE SIRES	Number	Animals Number	Records averaged Number	Milk	Test	Fat
				lb.	%	lb.
COLD STREAM GOLDEN MAJOR 85843						
*Sept. 53**-----	29 daughters	65	9,546	4.0	386	
Born, 3-10-46; proved, 1-30-57; ; Vt.	25 daughters	52	9,709	4.0	390	
Sire, 62756; dam, 231909.	25 dams----	83	10,038	4.0	402	
Used by Roy Wilcox, St. Albans.	Difference-- (12-14-13)	-329	.0	-12		
CURTISS CANDY SWANKY JIM 101817-----						
5 daughters-	6	10,775	3.6	388		
Preliminary proof, 1-31-57; ; Wis.	5 dams----	29	9,941	3.9	389	
Born, 6-5-50; sire, 90323; dam, 269515.	Difference-- (4-1-3)	+834	-.3	-1		
Used by Frank A. Ott & Son, Menasha.						
DELCHESTER QUEEN'S NEDDIE 89104 -----						
13 daughters	27	9,981	4.2	417		
Born, 4-25-47; proved, 1-17-57; dead ; Pa.	10 daughters	18	9,744	4.2	411	
Sire, 57733; dam, 190155.	10 dams----	29	9,870	4.1	403	
Used by C. Harold Gable, Elverson.	Difference-- (4-7-6)	-126	+.1	+8		
DESERT CREST'S AMBASSADOR 91479 -----						
9 daughters-	11	7,972	4.0	319		
Preliminary proof, 1-17-57; ; Utah.	8 daughters-	10	8,033	4.0	322	
Born, 7-19-47; sire, 69099; dam, 239691.	8 dams----	20	9,141	4.0	363	
Used by E. L. Ottosen, Kamas.	Difference-- (3-5-3)	-1,108	.0	-41		
DESERT CREST'S TREASURE CHEST 87495 ---						
6 daughters-	14	9,132	4.2	380		
Preliminary proof, 1-17-57; dead ; Ohio.	5 daughters-	11	8,987	4.0	362	
Born, 11-5-46; sire, 77927; dam, 179689.	5 dams----	27	9,415	4.2	400	
Used by Vern Dutter, Ravenna.	Difference-- (3-0-2)	-428	-.2	-38		
DUNDUFF SNACKBAR, IMP. 104656 -----						
5 daughters-	5	10,512	4.2	446		
Preliminary proof, 1-31-57; ; N. Y.	5 dams----	12	10,564	4.2	448	
Born, 12-16-49; sire, 104654; dam, 439129.	Difference-- (3-3-3)	-52	.0	-2		
Used by Goodhope Ayr. Farm, Walden Bridge.						
EASTWOOD PATRIOT 98522-----						
6 daughters-	8	10,814	4.4	476		
Preliminary proof, 1-31-57; ; Conn.	6 dams----	29	11,342	4.3	485	
Born, 4-17-49; sire, 55678; dam, 280516.	Difference-- (2-5-3)	-528	+.1	-9		
Used by Wood Ford Farm, Avon.						
ELMSIDE HIGHLANDER 102981-----						
8 daughters-	8	9,654	4.1	398		
Preliminary proof, 1-31-57; ; N. Y.	6 daughters-	6	9,507	4.2	398	
Born, 8-18-48; sire, 63147; dam, 262862.	6 dams----	11	9,326	4.2	393	
Used by John Belott, Elnora.	Difference-- (2-2-3)	+181	.0	+5		
ELMSTONE TRUE DESIGN, IMP. 101701-----						
9 daughters-	9	11,253	4.3	482		
Preliminary proof, 1-31-57; ; Pa.	8 daughters-	8	11,017	4.3	479	
Born, 6-10-50; sire, 99541; dam, 414385.	8 dams----	25	7,973	4.4	352	
Used by Walter Warburton, Wyalusing.	Difference-- (7-6-7)	+3,044	-.1	+127		
GALNEY BOMBARDIER 89076 -----						
15 daughters	17	10,259	4.5	461		
Born, 10-15-46; proved, 1-25-57; ; N. Y.	15 dams----	50	11,691	4.1	474	
Sire, 65551; dam, 172532.	Difference-- (4-15-6)	-1,432	+.4	-13		
Used by James Walton, Nineveh.						
GLENGARRY BRIGHT BOMBER, IMP. 101704- -----						
5 daughters-	8	9,750	4.1	398		
Preliminary proof, 1-31-57; ; Wis.	5 dams----	20	10,317	3.9	402	
Born, 4-10-47; sire, 75171; dam, 366770.	Difference-- (2-4-3)	-567	+.2	-4		
Used by Glenn W. Hacker, Brillion.						
GLENHURST ALBERT 108336 -----						
7 daughters-	7	8,214	3.8	316		
Preliminary proof, 1-31-57; ; Pa.	7 dams----	28	7,938	4.0	314	
Born, 1-21-50; sire, 81075; dam, 302253.	Difference-- (4-2-4)	+276	-.2	+2		
Used by David Harnish, Quarryville.						
GOOD HOPE BOMBER B 98262-----						
9 daughters-	14	9,329	3.8	354		
Preliminary proof, 1-31-57; ; Vt.	8 daughters-	12	9,344	3.8	355	
Born, 9-7-49; sire, 58825; dam, 276076.	8 dams----	33	8,653	3.9	338	
Used by A. S. Pratt & Son, Vergennes.	Difference-- (5-3-4)	+691	-.1	+17		
GOOD HOPE BONDSMAN B 98155-----						
7 daughters-	9	11,285	3.8	430		
Preliminary proof, 1-31-57; ; Pa.	6 daughters-	8	11,389	3.8	436	
Born, 8-19-49; sire, 58825; dam, 246240.	6 dams----	24	10,890	3.8	419	
Used by Mrs. D. L. Sattazahn, Lebanon.	Difference-- (5-5-5)	+499	.0	+17		
GOOD HOPE LANDSLIDE B 98153-----						
7 daughters-	10	9,705	4.0	388		
Preliminary proof, 1-31-57; ; N. C.	5 daughters-	8	9,200	4.0	369	
Born, 7-21-49; sire, 58825; dam, 233148.	5 dams----	11	9,762	3.9	384	
Used by L. R. Cheek, Chapel Hill.	Difference-- (1-4-1)	-562	+.1	-15		
GREENRANGE MILKMASTER 87879 -----						
24 daughters	42	8,316	4.0	334		
Born, 10-21-46; proved, 1-17-57; ; N. Y.	23 daughters	40	8,423	4.0	338	
Sire, 58054; dam, 183472.	23 dams----	128	8,247	4.1	339	
Used by Morgan Myers & Son, Barnerville.	Difference-- (14-8-12)	+176	-.1	-1		

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
GREENRANGE RENA'S CHAMPION 103177----- Preliminary proof, 1-31-57; ; Md. Born, 12-17-50; sire, 78249; dam, 322161. Used by Clarence Gaver, Middletown.	6 daughters- 6 dams---- Difference--	6 23 (2-2-2)	6,803 6,963 -160	3.9 4.1 .2	264 288 -24
GREENRANGE SECURITY 89333----- Preliminary proof, 1-25-57; ; Vt. Born, 8-14-46; sire, 58054; dam, 246259. Used by Greenrange Farm, Brandon.	7 daughters- 5 daughters- 5 dams---- Difference--	16 13 25 (5-3-5)	10,543 10,633 9,373 +1,460	4.4 4.3 4.1 +.2	462 463 386 +77
HOLHOLM DARK PRINCE 107547 ----- Preliminary proof, 1-31-57; ; N. Y. Born, 1-5-50; sire, 84010; dam, 217615. Used by John Hollowell, Penn Yan.	6 daughters- 6 dams---- Difference--	6 32 (6-6-6)	13,634 11,651 +1,983	4.0 3.7 +.3	541 432 +109
KITTY'S GLORIOUS AMOS 103616----- Preliminary proof, 1-31-57; ; Ohio. Born, 5-20-50; sire, 80452; dam, 315014. Used by Ray Dellinger, Hilliard.	10 daughters 9 daughters- 9 dams---- Difference--	10 9 42 (5-5-4)	11,726 11,871 11,764 +107	4.0 3.9 4.1 .2	466 466 486 -20
LIPPITT HUBERT 98238----- Preliminary proof, 1-31-57; ; Vt. Born, 3-18-49; sire, 91881; dam, 240698. Used by Green Mt. Stock Farm, Randolph.	6 daughters- 6 dams---- Difference--	8 27 (3-5-3)	8,939 9,282 -343	4.0 3.9 +.1	360 366 -6
LIPPITT LESTER 98239----- Preliminary proof, 1-31-57; ; Conn. Born, 4-11-49; sire, 91881; dam, 261311. Used by University of Conn., Storrs.	7 daughters- 6 daughters- 6 dams---- Difference--	8 7 28 (3-2-3)	10,849 10,988 10,479 +509	4.0 4.0 4.2 .2	430 437 436 +1
LITCHFIELD SENECA 97659----- Preliminary proof, 1-31-57; ; Conn. Born, 6-13-49; sire, 92147; dam, 227343. Used by Karl Milde, Litchfield.	5 daughters- 5 dams---- Difference--	11 21 (1-3-1)	9,695 12,751 -3,056	4.2 4.0 +.2	410 516 -106
NESHAMINY GULLIVER 88975 ----- Preliminary proof, 1-17-57; ; Pa. Born, 5-13-47; sire, 58950; dam, 261261. Used by Milton C. Ernst, Easton.	7 daughters- 7 dams---- Difference--	9 32 (5-5-5)	11,387 11,190 +197	4.1 4.0 +.1	468 444 +24
PARK-AYR GOOD BET 101575----- Preliminary proof, 1-31-57; ; N. Y. Born, 9-27-49; sire, 84597; dam, 283542. Used by Newton Wiley, Johnsonville.	8 daughters- 7 daughters- 7 dams---- Difference--	9 8 32 (3-6-4)	8,564 8,601 9,086 -485	4.1 4.0 3.9 +.1	351 348 357 -9
PENBUCK DIXIE PREFERRED 93233 *Aug. 55**----- Born, 9-2-47; proved, 1-30-57; alive. Sire, 79374; dam, 232905. Used by Southeastern Pa. Co-op A. B. A., Pa.	23 daughters 22 daughters 22 dams---- Difference--	54 50 93 (6-20-11)	10,248 10,221 10,630 -409	4.4 4.3 4.1 +.2	446 445 440 +5
PHILMONEY RAYMOND 113293----- Preliminary proof, 1-31-57; ; R. I. Born, 11-13-47; sire, 82512; dam, 301232. Used by Philmoney Farm, Slocum.	7 daughters- 6 daughters- 6 dams---- Difference--	11 10 25 (4-5-5)	6,437 6,931 6,804 +127	4.2 4.2 4.1 +.1	273 294 281 +13
REYMANN CANARY IDEAL 95667----- Preliminary proof, 1-17-57; dead ; Ohio. Born, 10-15-48; sire, 62756; dam, 289885. Used by E. A. Tyler & Son, Pataskala.	5 daughters- 5 dams---- Difference--	7 21 (3-4-3)	11,180 10,067 +1,113	4.1 4.0 +.1	456 406 +50
SHIRLEY-AYR DONALD 98655----- Preliminary proof, 1-31-57; ; Pa. Born, 6-23-49; sire, 90420; dam, 269629. Used by Clifford Bailer, Curwensville.	6 daughters- 5 daughters- 5 dams---- Difference--	8 7 17 (3-4-3)	8,690 8,836 9,025 -189	4.5 4.5 4.2 +.3	397 395 376 +19
SKY LIGHT WAR'S SQUIRE 102959----- Preliminary proof, 1-31-57; ; Mich. Born, 11-1-50; sire, 97712; dam, 370825. Used by Robert Eick, Goodrich.	7 daughters- 7 dams---- Difference--	7 29 (7-3-7)	11,857 9,534 +2,323	4.1 4.1 .0	482 392 +90
SPRING MILL MARAUDER IBID 101523----- Preliminary proof, 1-31-57; ; Md. Born, 2-23-50; sire, 78214; dam, 237748. Used by C. Brooks Nagel, Preston.	8 daughters- 8 dams---- Difference--	8 29 (8-5-8)	11,599 8,811 +2,788	4.1 3.9 +.2	473 342 +131
STRATHGLASS MISTY VICOUNT 87768 ----- Preliminary proof, 1-25-57; ; Vt. Born, 3-10-47; sire, 47364; dam, 213663. Used by Livak Brothers, Rutland.	6 daughters- 6 dams---- Difference--	9 14 (0-2-0)	8,376 9,461 -1,085	3.8 3.9 .1	317 369 -52

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
STRATHGLASS PROUD LIEUTENANT 98448--- Preliminary proof, 1-31-57; ; N. C. Born, 9-11-49; sire, 91882; dam, 365251. Used by Ralph Shuford, Statesville.	5 daughters- 5 dams---- Difference--	6 9 (2-4-4)	8,144 7,692 +452	4.0 3.9 +.1	324 298 +26
STRATHGLASS TRUSTY 90489*Aug. 55**----- Born, 9-14-47; proved, 1-30-57; alive. Sire, 63352; dam, 205033. Used by Southeastern Pa. Co-op A. B. A., Pa.	23 daughters 23 dams---- Difference--	51 129 (18-19-19)	10,235 9,061 +1,174	4.1 3.9 +.2	416 357 +59
WHITEFORD'S PARATROOPER 86054 ----- Born, 9-9-46; proved, 1-25-57; ; Wash. Sire, 51943; dam, 265809. Used by Albert Sederburg, Ridgefield.	29 daughters 23 daughters 23 dams---- Difference--	56 39 70 (5-8-2)	8,042 7,996 9,753 -1,757	4.2 4.2 4.5 -.3	338 337 438 -101
WILL-FLO BETTER MAN 102156----- Born, 1-18-50; proved, 1-31-57; ; Kans. Sire, 73814; dam, 286059. Used by Max Haslett, Hewins.	12 daughters 12 dams---- Difference--	14 49 (3-8-5)	9,068 10,259 -1,191	4.1 4.0 +.1	369 410 -41
WINDROW NONSUCH 104807 ----- Preliminary proof, 1-31-57; ; Wis. Born, 5-4-50; sire, 57746; dam, 266013. Used by John Dalton, Oconomowoc.	5 daughters- 5 dams---- Difference--	5 29 (4-4-4)	9,951 8,998 +953	4.2 3.9 +.3	414 354 +60
WINDROW TEDDY'S ACE 102340----- Born, 7-11-50; proved, 1-31-57; ; Wis. Sire, 57746; dam, 262861. Used by Mervin Dalton, Hartland.	13 daughters 13 dams---- Difference--	13 68 (5-11-7)	8,506 9,136 -630	4.3 4.1 +.2	362 378 -16
WOOD FORD DICKENS 92366 ----- Born, 2-7-48; proved, 1-17-57; dead ; N. Y. Sire, 63426; dam, 214596. Used by Obercreek Farm, Wappingers Falls.	11 daughters 11 dams---- Difference--	13 47 (7-9-7)	10,388 9,561 +827	4.0 3.9 +.1	414 373 +41
WOOD FORD KING'S PAYMASTER 91893 ----- Preliminary proof, 1-17-57; dead ; Minn. Born, 1-10-48; sire, 55678; dam, 273468. Used by Leonard Radintz, Osseo.	16 daughters 5 daughters- 5 dams---- Difference--	17 5 5 (0-3-0)	7,565 6,988 10,170 -3,182	3.8 3.8 3.8 .0	291 266 383 -117
WOODHULL SUPER HINT 102814----- Preliminary proof, 1-31-57; ; Iowa. Born, 11-11-50; sire, 84386; dam, 364661. Used by F. L. McHone, Stockton.	7 daughters- 6 daughters- 6 dams---- Difference--	7 6 21 (4-6-4)	9,192 9,358 8,874 +484	4.1 4.0 3.8 +.2	375 377 339 +38
WOODILEE TOKEN, IMP. 92164 ----- Preliminary proof, 1-17-57; dead ; Ind. Born, 7-7-46; sire, 92159; dam, 366662. Used by Amos Snyder, Butler.	5 daughters- 5 dams---- Difference--	7 18 (0-5-2)	7,812 9,809 -1,997	4.2 3.9 +.3	332 382 -50

BROWN SWISS SIRES

BENEDALE KINSMAN 101940*June 56**----- Born, 1-16-50; proved, 1-30-57; alive ; Minn. Sire, 71724; dam, 147435. Used by Rudolph L. Bode, Courtland.	13 daughters 13 dams---- Difference--	15 39 (8-10-10)	11,427 9,444 +1,983	4.2 4.1 +.1	484 390 +94
DELLA'S ROMEO TARZEN 100464----- Preliminary proof, 1-31-57; ; Iowa. Born, 10-5-49; sire, 85252; dam, 119006. Used by George & Warren Fritz, Burlington.	7 daughters- 7 dams---- Difference--	7 10 (6-4-5)	9,909 9,048 +861	3.8 3.9 -.1	379 356 +23
HYCREST CHALLENGER 101710----- Preliminary proof, 1-30-57; dead ; Mass. Born, 5-14-49; sire, 70747; dam, 148202. Used by Eldroot Farm, Uxbridge.	5 daughters- 5 dams---- Difference--	7 39 (3-4-3)	9,875 9,612 +263	4.3 4.2 +.1	421 401 +20
LA RAINBOW DREAMER 91701----- Preliminary proof, 1-31-57; ; Ohio. Born, 2-21-48; sire, 67522; dam, 112914. Used by Warren Hooton, Houston.	6 daughters- 6 dams---- Difference--	6 19 (2-5-4)	11,284 12,484 -1,200	4.7 4.3 +.4	526 539 -13
LEE'S HILL KEEPER'S HERO 84053----- Preliminary proof, 1-31-57; ; Ohio Born, 4-29-47; sire, 55163; dam, 98788. Used by Roy W. Lepo, Tallmadge.	5 daughters- 5 dams---- Difference--	8 16 (0-5-2)	9,358 11,665 -2,307	4.3 3.7 +.6	400 433 -33

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
LEE'S HILL MASTERPIECE M. 106902----- Born, 7-16-50; proved, 1-31-57; ; Minn. Sire, 90827; dam, 65386. Used by Charles A. Choate, Winona.	11 daughters 11 dams---- Difference--	11 46 (10-9-10)	13,195 11,252 +1,943	4.2 4.1 +.1	554 462 +92
PARSIE SAM'S WONDER R. H. Y. 88933 ----- Preliminary proof, 1-31-57; ; Minn. Born, 10-14-47; sire, 76838; dam, 137415. Used by Seifert & Rosol, Fairmont.	9 daughters- 7 daughters- 7 dams---- Difference--	12 9 24 (1-6-2)	9,002 8,606 10,035 -1,429	4.2 4.2 3.9 +.3	375 364 392 -28
SHARON FARM'S COLONEL AMOS 101674----- Preliminary proof, 1-31-57; ; Ohio. Born, 12-18-49; sire, 48672; dam, 117949. Used by Daris Mohler, Napoleon.	6 daughters- 6 dams---- Difference--	8 25 (1-6-2)	10,938 11,746 -808	4.4 4.1 +.3	480 477 +3
SUYDAM'S ROBIN 63804*----- Preliminary proof, 1-31-57; ; Va. Born, 10-21-43; sire, 52647; dam, 103564. Used by W. T. Carwile, Madisonville.	16 daughters 5 daughters- 5 dams---- Difference--	47 15 8 (5-2-5)	11,558 12,484 10,241 +2,243	4.2 4.1 4.2 -.1	483 507 432 +75
TARTAR'S ROMEO OF FENLEA 96840----- Preliminary proof, 1-31-57; ; Minn. Born, 3-12-49; sire, 52443; dam, 72152. Used by G. N. Slade, White Bear Lake.	5 daughters- 5 dams---- Difference--	8 23 (3-3-3)	11,483 11,935 -452	4.2 4.1 +.1	479 495 -16
VERNA'S TEX OF EASTWOOD 83057----- Preliminary proof, 1-31-57; ; Okla. Born, 10-4-46; sire, 69939; dam, 82884. Used by G. L. Childress, Seneca, Mo.	10 daughters 6 daughters- 6 dams---- Difference--	18 10 11 (6-3-5)	12,251 13,454 10,400 +3,054	4.1 4.0 4.1 -.1	499 543 432 +111

GUERNSEY SIRES

BRANDTJEN'S NICHOLAS 396855 ----- Preliminary proof, 1-17-57; ; Minn. Born, 7-16-46; sire, 361559; dam, 720192. Used by Paul Kingston Farm, Hastings.	15 daughters 9 daughters- 9 dams---- Difference--	23 11 27 (5-3-6)	6,994 7,281 7,308 -27	5.2 5.2 5.3 -.1	364 376 387 -11
BROAD HILL JEROME 433112 ----- Preliminary proof, 1-15-57; ; Vt. Born, 4-26-48; sire, 369935; dam, 647770. Used by A. C. Burgess, Bradford.	10 daughters 8 daughters- 8 dams---- Difference--	16 13 32 (5-3-6)	7,437 8,025 7,285 +740	4.9 4.9 5.0 -.1	363 392 361 +31
CAMEO NOBLEMAN 431492----- Preliminary proof, 1-31-57; ; Calif. Born, 5-13-48; sire, 366253; dam, 828270. Used by E. A. Jordan, Fresno.	12 daughters 9 daughters- 9 dams---- Difference--	16 12 28 (4-2-3)	7,710 7,811 7,440 +371	4.7 4.7 4.9 -.2	360 365 366 -1
CEDARCROFT MASTER'S BILL 401532----- Born, 8-13-46; proved, 1-30-57; ; Wash. Sire, 359246; dam, 695883. Used by W. S. Taylor, Mt. Vernon.	26 daughters 17 daughters 17 dams---- Difference--	50 30 65 (7-14-9)	8,643 8,764 9,782 -1,018	5.0 5.1 4.8 +.3	436 443 468 -25
CONOVER'S JESTER 460779----- Preliminary proof, 1-31-57; ; Pa. Born, 2-18-50; sire, 379455; dam, 1031288. Used by Ben Smoker, Paradise.	7 daughters- 7 dams---- Difference--	7 31 (4-6-4)	7,563 7,022 +541	4.9 4.4 +.5	372 310 +62
COOPER'S KANDY 465359**----- Preliminary proof, 1-30-57; ; Kans. Born, 3-2-50; sire, 430508; dam, 1061983. Used by Ralph Batdore, Wellsville.	7 daughters- 5 daughters- 5 dams---- Difference--	7 5 7 (3-3-3)	8,770 8,412 8,652 -240	5.2 5.3 5.3 .0	453 442 455 -13
DON HAR'S YNIOL 428015----- Preliminary proof, 1-31-57; ; Pa. Born, 2-17-48; sire, 329184; dam, 829617. Used by Franklyn Davenport, New Hope.	11 daughters 5 daughters- 5 dams---- Difference--	14 6 10 (2-4-3)	6,773 7,133 7,861 -728	5.1 5.1 4.8 +.3	343 367 378 -11
DORAL FARM PRINCE CHICO 470390----- Preliminary proof, 1-31-57; ; Iowa. Born, 8-26-50; sire, 411309; dam, 832345. Used by Kilpartich & Sturgeon, Adel.	7 daughters- 7 dams---- Difference--	7 25 (4-6-4)	8,511 7,894 +617	5.5 5.1 +.4	466 401 +65
DORELLA SHIRLEY'S GUARDSMAN (TWIN) 462661----- Preliminary proof, 1-25-57; ; N. Mex. Born, 12-27-49; sire, 364824; dam, 725712. Used by G. Edgar Murray, Albuquerque.	6 daughters- 6 dams---- Difference--	7 15 (2-3-1)	8,614 10,292 -1,678	4.9 5.0 -.1	425 510 -85

GUERNSEY Sires	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
FOREMOST J. C.'S NERO 440675* June 55**----	22 daughters	36	9,589	4.7	446
Born, 11-11-48; proved, 1-30-57; alive.	21 daughters	35	9,592	4.6	445
Sire, 390760; dam, 983372.	21 dams----	89	8,791	4.9	430
Used by Southeastern Pa. Co-op A.B.A., Pa.	Difference--	(15-7-13)	+801	-.3	+15
FORGES PETERSON 453320 -----	5 daughters-	7	9,751	5.1	494
Preliminary proof, 1-15-57; alive; Mass.	5 dams----	20	10,236	4.6	475
Born, 6-7-49; sire, 344037; dam, 828436.	Difference--	(3-5-3)	-485	+.5	+19
Used by Barclay Warburton III, Ipswich.					
GARDENVILLE COUNT 408835-----	16 daughters	22	8,644	5.0	435
Preliminary proof, 1-15-57; ; N. Y.	9 daughters-	14	8,874	5.0	445
Born, 1-26-47; sire, 393723; dam, 987956.	9 dams----	10	8,357	4.7	394
Used by Pittsford Farm, Pittsford.	Difference--	(6-7-6)	+517	+.3	+51
HAVEN HILL SEABEE SHIPMATE 426036-----	6 daughters-	8	8,395	4.6	390
Preliminary proof, 1-31-57; ; Vt.	5 daughters-	7	8,308	4.6	381
Born, 12-12-47; sire, 341345; dam, 771106.	5 dams----	7	7,570	4.9	370
Used by Mrs. Fred F. Rogers, Brandon.	Difference--	(4-1-2)	+738	-.3	+11
HOMINY HILL DOMINO 431650-----	8 daughters-	9	7,170	4.8	341
Preliminary proof, 1-31-57; ; Pa.	7 daughters-	8	7,240	4.8	347
Born, 7-2-48; sire, 283282; dam, 698437.	7 dams----	25	7,443	4.8	358
Used by Noah L. Hershey, Parkesburg.	Difference--	(3-3-3)	-203	.0	-11
HUNTHILL ROSE KING 470565-----	5 daughters-	5	7,190	5.6	401
Preliminary proof, 1-31-57; ; Pa.	5 dams----	12	8,778	5.5	486
Born, 2-19-50; sire, 318429; dam, 725603.	Difference--	(1-2-1)	-1,588	+.1	-85
Used by J. Earle Yerkes & Son, Piperville.					
KENMOOR MAXIM MAJESTY 394789-----	17 daughters	32	7,143	5.3	376
Preliminary proof, 1-25-57; ; Wis.	5 daughters-	11	6,858	5.4	368
Born, 9-30-46; sire, 307696; dam, 664829.	5 dams----	18	7,349	4.7	347
Used by Markham & Carlisle, Sparta.	Difference--	(2-4-2)	-491	+.7	+21
LOCUST GROVE STRONGHEART 389862					
*Dec. 54**-----	29 daughters	62	9,034	4.9	439
Born, 6-5-46; proved, 1-30-57; alive.	29 dams----	153	8,324	4.5	374
Sire, 351450; dam, 812708.	Difference--	(19-23-22)	+710	+.4	+65
Used by Southeastern Pa. Co-op A.B.A., Pa.					
MCDONALD FARMS HIGH ORACLE 456339-----	6 daughters-	8	9,266	4.6	423
Preliminary proof, 1-31-57; ; N. Mex.	5 daughters-	7	9,185	4.6	418
Born, 4-23-49; sire, 343002; dam, 851732.	5 dams----	20	10,943	4.5	492
Used by S. P. & R. S. Nanninga, Albuquerque.	Difference--	(1-4-1)	-1,758	+.1	-74
MCDONALD FARMS LEADER'S PILOT 447752-----	6 daughters-	7	8,941	5.1	456
Preliminary proof, 1-25-57; ; Pa.	6 dams----	26	9,422	4.9	466
Born, 1-25-49; sire, 423199; dam, 1140946.	Difference--	(2-4-2)	-481	+.2	-10
Used by Henry Meigs, Philadelphia.					
R. F. 'S MELODY JEWELER 450357-----	5 daughters-	5	6,987	5.4	375
Preliminary proof, 1-31-57; ; N. C.	5 dams----	9	7,391	5.2	387
Born, 1-3-49; sire, 275696; dam, 885534.	Difference--	(2-4-2)	-404	+.2	-12
Used by Robert L. Hunt, Lattimore.					
RIEGELDALE MELBA'S FORTUNATE 437430-----	8 daughters-	9	7,833	5.3	415
Preliminary proof, 1-17-57; ; N. J.	5 daughters-	5	7,876	5.4	427
Born, 7-23-48; sire, 279858; dam, 384421.	5 dams----	17	8,257	4.9	407
Used by Conover's Guernsey Dairy, Hightstown.	Difference--	(2-4-2)	-381	+.5	+20
ROLLING ACRES ROYLEN'S AMBLER 470012-----	7 daughters-	7	10,706	4.5	484
Preliminary proof, 1-17-57; ; Pa.	5 daughters-	5	10,983	4.6	501
Born, 11-12-49; sire, 401642; dam, 987755.	5 dams----	11	8,317	4.8	400
Used by William M. McCulloch, Shippensburg.	Difference--	(5-1-5)	+2,666	-.2	+101
SALLAY'S DARKY 488672** -----	6 daughters-	6	8,889	4.9	435
Preliminary proof, 1-25-57; ; Mich.	6 dams----	29	9,001	4.9	441
Born, 11-1-50; sire, 367366; dam, 952797.	Difference--	(3-3-3)	-112	.0	-6
Used by Ronald Thurow, Scottsville.					
SKYLINE KING'S BEACON 465467-----	5 daughters-	5	8,928	4.5	401
Preliminary proof, 1-15-57; alive; Kans.	5 dams----	16	7,639	5.0	383
Born, 2-24-50; sire, 372735; dam, 1122014.	Difference--	(4-0-4)	+1,289	-.5	+18
Used by Keith Van Horn, Sabetha.					
SPRINGDALE PRINCESS NOBLE 372770** -----	13 daughters	13	6,671	5.0	333
Born, 8-11-44; proved, 1-25-57; ; Mich.	11 daughters	11	6,811	5.0	338
Sire, 286405; dam, 725244.	11 dams----	14	7,633	4.3	327
Used by Ernest Nelson, Skanee.	Difference--	(4-11-7)	-822	+.7	+11

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
STERLING'S COLONEL BEN 472123-----	8 daughters-	9	9,667	5.5	533
Preliminary proof, 1-31-57; ; Pa.	7 daughters-	8	9,393	5.5	517
Born, 12-6-50; sire, 406393; dam, 767884.	7 dams----	22	9,615	5.3	507
Used by A. J. Sardoni, Alderson.	Difference--	(4-6-5)	-222	+.2	+10
SUNNY VALLEY COUNT'S FAVOR 450057-----	7 daughters-	10	8,269	5.0	411
Preliminary proof, 1-31-57; ; Conn.	5 daughters-	7	8,383	5.0	416
Born, 4-26-49; sire, 324114; dam, 559287.	5 dams----	11	7,623	5.0	381
Used by George D. Pratt, Jr., New Milford.	Difference--	(4-2-3)	+760	.0	+35
THROCKMORTON'S LANA DUPLICATOR					
486881-----	6 daughters-	6	6,969	4.9	345
Preliminary proof, 1-31-57; ; Tex.	6 dams----	14	8,948	4.8	429
Born, 1-19-50; sire, 420222; dam, 905199.	Difference--	(1-3-1)	-1,979	+.1	-84
Used by Joe H. Harbin, Muleshoe.					
WILBURN IMPERIAL O. KAY 395814 -----	24 daughters	53	7,841	5.1	404
Born, 6-28-46; proved, 1-25-57; ; Va.	14 daughters	33	7,519	5.3	395
Sire, 345986; dam, 741180.	14 dams----	41	8,211	4.7	383
Used by J. P. Jenkins, Montross.	Difference--	(8-12-8)	-692	+.6	+12

HOLSTEIN SIRES

ADMIRAL POSCH PIEBE DIRECT 1075611-----	7 daughters-	11	9,045	3.7	331
Preliminary proof, 1-15-57; dead ; Pa.	6 daughters-	9	9,131	3.7	337
Born, 5-27-49; sire, 842781; dam, 2556732.	6 dams----	18	10,131	3.9	392
Used by Ralph Rugh, Greensburg.	Difference--	(3-2-0)	-1,000	-.2	-55
ALFALFALAND CROWNHURST POSCH 1059281-----	8 daughters-	13	12,071	3.4	416
Preliminary proof, 1-15-57; ; N. Y.	7 daughters-	12	12,242	3.4	421
Born, 10-3-48; sire, 767230; dam, 2431878.	7 dams----	14	12,418	3.5	437
Used by Hubert Miller, East Berne.	Difference--	(4-3-4)	-176	-.1	-16
ALGOAS MAN-O-WAR PAT 1086748-----	12 daughters	15	13,122	3.5	464
Born, 6-6-49; proved, 1-15-57; dead ; Mo.	11 daughters	13	13,123	3.5	463
Sire, 988157; dam, 2417384.	11 dams----	46	13,344	3.7	490
Used by Algoa Farm, Jefferson City.	Difference--	(5-5-4)	-221	-.2	-27
AMCANA DUKE ANDY 1050389 -----	7 daughters-	10	7,740	3.6	282
Preliminary proof, 1-17-57; ; N. Y.	7 dams----	34	9,871	3.7	363
Born, 10-26-48; sire, 1001985; dam, 2815413.	Difference--	(1-4-1)	-2,131	-.1	-81
Used by Alton H. Dillenbeck, Fonda.					
ANGEABELL SEGIS ORMSBY LAD 1109618-----	12 daughters	12	10,985	3.9	431
Preliminary proof, 1-31-57; ; Mo.	6 daughters-	6	11,819	3.8	450
Born, 3-30-50; sire, 957040; dam, 2434050.	6 dams----	26	11,088	3.8	417
Used by Joe Blades, Billings.	Difference--	(4-5-5)	+731	.0	+33
BEAUTY VERA CREAMELLE JOHN 1005565					
*Oct. 56** -----	18 daughters	57	15,005	3.7	555
Born, 5-16-46; proved, 1-25-57; dead.	18 dams----	111	15,587	3.8	591
Sire, 902349; dam, 2468839.	Difference--	(8-10-5)	-582	-.1	-36
Used by Calif. Dairy A. B. A., Inc., Calif.					
BIG ELM SOVEREIGN PRINCE 1042307-----	13 daughters	17	9,018	3.5	320
Born, 9-6-47; proved, 1-17-57; ; N. Y.	13 dams----	39	10,614	3.6	380
Sire, 988343; dam, 2196374.	Difference--	(2-7-2)	-1,596	-.1	-60
Used by Charles Carter, Marathon.					
BIG ROCK ABEGWEIT HAZEL 1110192-----	6 daughters-	8	13,803	3.7	512
Preliminary proof, 1-30-57; ; N. Y.	6 dams----	25	14,783	3.4	506
Born, 12-16-49; sire, 902915; dam, 2426730.	Difference--	(3-5-4)	-980	+.3	+6
Used by Clarence Ellersorn, Whitney Point.					
BOW FARM SUPREME POSCH 1107298-----	7 daughters-	9	10,578	3.4	357
Preliminary proof, 1-31-57; ; N. Y.	7 dams----	29	11,753	3.5	414
Born, 11-20-49; sire, 936716; dam, 2513851.	Difference--	(2-1-2)	-1,175	-.1	-57
Used by Orlo Briggs, Ischua.					
BRACKEL FARM HISTORIAN WARD 1075570---	8 daughters-	12	11,491	3.7	425
Preliminary proof, 1-15-57; ; N. Y.	5 daughters-	6	11,530	3.7	423
Born, 1-24-49; sire, 1022592; dam, 2237402.	5 dams----	16	13,459	3.8	511
Used by H. C. Abbott, Locke.	Difference--	(1-1-1)	-1,929	-.1	-88
BREMEN DESIGN DANDY BELLE 1025842-----	7 daughters-	13	10,532	3.6	380
Preliminary proof, 1-15-57; dead ; Ohio.	6 daughters-	12	10,378	3.6	372
Born, 10-10-47; sire, 774749; dam, 2633096.	6 dams----	24	10,677	3.5	378
Used by Elmer W. Miller, Lancaster.	Difference--	(4-5-3)	-299	+.1	-6

HOLSTEIN Sires	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
BURTISDALE RAG APPLE CHRIS 1056982 ----	6 daughters-	11	11,031	3.5	384
Preliminary proof, 1-17-57; ; N. Y.	6 dams----	27	14,101	3.4	475
Born, 12-28-48; sire, 1022593; dam, 2727476. Difference--	(1-4-1)	-3,070	+.1	-.91	
Used by Roy Van Wagner, Sherburne.					
BUTZRIDGE ERNEST TY VIC 1068373-----	5 daughters-	9	11,381	3.5	398
Preliminary proof, 1-15-57; ; Ill.	5 dams----	20	15,126	3.4	509
Born, 1-22-49; sire, 923749; dam, 2469286. Difference--	(0-4-0)	-3,745	+.1	-.111	
Used by Art J. Butz & Son, Kankakee.					
CARNATION LANCASTER 1023063-----	22 daughters	37	13,663	3.5	482
Born, 9-28-47; proved, 1-15-57; ; Utah.	21 daughters	35	13,585	3.5	481
Sire, 943802; dam, 2153497.	21 dams----	55	13,192	3.5	459
Used by Utah State Hospital, Provo.	Difference--	(13-14-13)	+393	.0	+.22
CEDARDALE KING ORMSBY FOBES 1053609 --	14 daughters	24	9,532	3.7	357
Born, 7-19-48; proved, 1-17-57; ; Vt.	10 daughters	16	9,369	3.8	353
Sire, 905290; dam, 2310996.	10 dams----	29	11,329	3.6	409
Used by Larry Mashek, Hampton, N. Y.	Difference--	(2-7-3)	-1,960	+.2	-.56
CHRISTY HOMESTEAD ROYAL 1079427-----	12 daughters	16	14,752	3.5	509
Preliminary proof, 1-15-57; alive; Ind.	9 daughters-	11	15,087	3.4	510
Born, 11-24-48; sire, 943799; dam, 2826340.	9 dams----	15	14,214	3.4	478
Used by Zike & Engle, Morristown.	Difference--	(6-4-4)	+873	.0	+.32
CLANYARD ILLINI LEWIS 1109116-----	6 daughters-	10	11,440	4.1	465
Preliminary proof, 1-31-57; ; Ill.	6 dams----	13	12,502	3.9	483
Born, 2-16-50; sire, 904864; dam, 2374306.	Difference--	(2-4-2)	-1,062	+.2	-.18
Used by Moo Meadows, Woodstock.					
CLOVER LAWN LILITH VAR 1061628 -----	8 daughters-	12	14,921	3.7	547
Preliminary proof, 1-17-57; ; Wis.	7 daughters-	11	14,374	3.7	529
Born, 2-6-49; sire, 965372; dam, 1937887.	7 dams----	19	12,003	3.7	445
Used by Stenning Farm, Lake Geneva.	Difference--	(6-3-6)	+2,371	.0	+.84
CLYDE HILL CHIEFTAIN TIDY LAD 1094072--	6 daughters-	8	11,006	3.6	395
Preliminary proof, 1-15-57; ; Pa.	6 dams----	19	11,530	3.7	427
Born, 12-23-49; sire, 813522; dam, 2365692.	Difference--	(3-2-3)	-524	-.1	-.32
Used by Norman Lentz, Latrobe.					
COLANTHUS EDVALJIM TOP AGENT 1047497 -	7 daughters-	10	13,651	3.6	488
Preliminary proof, 1-17-57; dead ; Pa.	7 dams----	11	11,235	3.3	368
Born, 3-13-48; sire, 934129; dam, 2331821.	Difference--	(5-4-7)	+2,416	+.3	+.120
Used by Lawrence L. Neely, Jr., Emlenton.					
COOPERFIELD AAGGIE JEWEL BOY (TWIN) 1076013-----	6 daughters-	7	10,521	3.9	408
Preliminary proof, 1-15-57; ; N. J.	5 daughters-	6	10,669	3.9	420
Born, 1-11-48; sire, 1061057; dam, 2150720.	5 dams----	26	12,720	4.0	506
Used by H. C. Leonard & Son, Paulsboro.	Difference--	(1-2-1)	-2,051	-.1	-.86
CRESCENT ADMIRAL ACE 1067064 -----	7 daughters-	9	13,972	3.5	489
Preliminary proof, 1-15-57; dead ; Okla.	7 dams----	16	14,354	3.3	480
Born, 10-25-48; sire, 987376; dam, 2447162.	Difference--	(4-6-4)	-382	+.2	+.9
Used by Cameron State Agri. College, Lawton.					
DAISYWAY ALCARTRA SALADIN 1048130 -----	5 daughters-	7	12,775	3.8	487
Preliminary proof, 1-17-57; dead ; Conn.	5 dams----	14	14,632	3.7	541
Born, 9-23-48; sire, 951755; dam, 2206418.	Difference--	(0-4-2)	-1,857	+.1	-.54
Used by A.J. & J.A. Malnati, Ashley Falls, Mass.					
DESOTEL VELDEEN MARIE LAD 1090473**--	5 daughters-	6	14,562	3.5	507
Preliminary proof, 1-25-57; ; Iowa.	5 dams----	24	12,664	3.7	474
Born, 9-18-49; sire, 1009474; dam, 2821167.	Difference--	(4-2-3)	+1,898	-.2	+.33
Used by George J. DeSotel, Dows.					
DONELLEN RAG APPLE CLIMAX 1077522----	5 daughters-	8	12,033	3.4	411
Preliminary proof, 1-15-57; dead ; N. Y.	5 dams----	24	11,357	3.4	390
Born, 1-7-49; sire, 1022593; dam, 2324927.	Difference--	(3-3-4)	+676	.0	+.21
Used by Donald Dutcher, Marathon.					
DON KEYES ORMSBY POSCH (TWIN) 1063823	8 daughters-	11	10,416	3.5	368
Preliminary proof, 1-15-57; ; N. C.	8 dams----	22	10,664	3.4	367
Born, 12-26-48; sire, 786919; dam, 2194022.	Difference--	(4-5-5)	-248	+.1	+.1
Used by J. Walter Lambeth, Thomasville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
DUKE MONOGRAM SOVEREIGN 1131086-----	11 daughters	13	9,118	3.7	341
Preliminary proof, 1-31-57; ; Ohio.	8 daughters-	9	8,826	3.8	339
Born, 7-24-49; sire, 155159 CHB;	8 dams----	19	10,267	3.5	354
dam, 474728 CHB.	Difference--	(2-7-3)	-1,441	+.3	-15
Used by Wayne Clutter, Mount Vernon.					
EL MAR PRILLY PABST 1046559 -----	8 daughters-	10	12,334	3.6	448
Preliminary proof, 1-17-57; dead ; Wis.	8 dams----	23	11,421	3.6	415
Born, 6-8-48; sire, 959466; dam, 2422222.	Difference--	(6-2-4)	+913	.0	+33
Used by Elmer Dehring, Oakfield.					
ELMER BROOK HOMESTEAD ORMSBY					
1043348 -----	12 daughters	19	10,846	3.5	379
Preliminary proof, 1-17-57; dead ; Wis.	7 daughters-	12	10,554	3.5	372
Born, 5-19-48; sire, 903212; dam, 2129457.	7 dams----	15	11,919	3.4	403
Used by Bernard Rattman, Sun Prairie.	Difference--	(2-4-3)	-1,365	+.1	-31
FAIRCHESTER SOVEREIGN DUKE 1108871-----	9 daughters-	9	12,283	3.5	425
Preliminary proof, 1-31-57; ; N. Y.	9 dams----	26	10,862	3.7	406
Born, 2-9-50; sire, 1034176; dam, 3023677.	Difference--	(8-1-7)	+1,421	-.2	+19
Used by Baker & Eaves, Earlville.					
FAIR HILL MASTER CARROLL (TWIN) 1108805-6	daughters-	7	13,217	3.6	476
Preliminary proof, 1-31-57; dead ; Md.	6 dams----	16	13,966	3.6	498
Born, 1-21-50; sire, 874306; dam, 2086010.	Difference--	(2-4-2)	-749	.0	-22
Used by E. D. Fry, Gaithersburg.					
FAYNE CARNATION VEEMAN 1046672 -----	11 daughters	17	12,827	3.7	480
Born, 3-30-48; proved, 1-17-57; ; Idaho.	10 daughters	16	12,386	3.8	465
Sire, 813170; dam, 2539217.	10 dams----	34	12,294	3.7	454
Used by G. W. Warner, Twin Falls.	Difference--	(7-9-6)	+92	+.1	+11
FOBES AAGGIE PRINCE 1077285-----	14 daughters	14	11,797	3.5	417
Preliminary proof, 1-15-57; dead ; Minn.	7 daughters-	11	11,653	3.5	411
Born, 3-27-49; sire, 994275; dam, 2770678.	7 dams----	26	12,491	3.7	463
Used by Carl Hettke, Young America.	Difference--	(1-3-1)	-838	-.2	-52
GENERAL DAIRYMAID PRIDE 1111035-----	11 daughters	12	10,305	3.7	381
Born, 5-25-50; proved, 1-31-57; ; N. Y.	10 daughters	11	10,613	3.7	393
Sire, 1003855; dam, 2454886.	10 dams----	54	11,134	3.5	391
Used by Harlan Luders, Elma.	Difference--	(4-9-5)	-521	+.2	+2
GLENNAFTON KINSMAN 1068408 -----	30 daughters	63	9,375	3.7	343
Born, 11-19-47; proved, 1-17-57; ; N. Y.	30 dams----	124	11,592	3.7	425
Sire, 137532 CHB; dam, 656399 CHB.	Difference--	(2-16-5)	-2,217	.0	-82
Used by Richard Ross, Gowanda.					
GLENVENUE ABBEKERK LOCHINVAR 1084847-J	9 daughters-	22	11,325	3.7	421
Preliminary proof, 1-15-57; ; Mich.	6 daughters-	7	12,679	3.7	475
Born, 10-26-47; sire, 165436 CHB;	6 dams----	6	13,053	3.5	457
dam, 529386 CHB.	Difference--	(2-4-3)	-374	+.2	+18
Used by Walter Witt, Frankenmuth.					
GREENAWAY KING RUBY SOVEREIGN 1063480-14	daughters	23	11,993	3.4	405
Born, 10-18-48; proved, 1-31-57; ; N. Y.	12 daughters	20	12,048	3.4	404
Sire, 977110; dam, 2516867.	12 dams----	44	12,079	3.5	424
Used by Robson Brothers, Rome.	Difference--	(5-2-5)	-31	-.1	-20
GREENWALD COLAN-GERB ORMSBY 1036164-6	daughters-	16	10,680	3.7	395
Preliminary proof, 1-15-57; ; Pa.	6 dams----	28	11,201	4.0	446
Born, 8-9-46; sire, 779723; dam, 1621070.	Difference--	(2-0-2)	-521	-.3	-51
Used by Comes Dairy, Smethport.					
HARDEN FARMS KING CADET 1120705-----	10 daughters	11	11,007	3.3	367
Born, 3-30-50; proved, 1-31-57; ; N. Y.	10 dams----	47	11,932	3.4	406
Sire, 903720; dam, 2841655.	Difference--	(3-5-2)	-925	-.1	-39
Used by John Freeman, Boonville.					
HARDEN FARMS KING DON 1110505-----	7 daughters-	7	11,818	3.4	401
Preliminary proof, 1-31-57; ; N. Y.	6 daughters-	6	11,840	3.4	401
Born, 2-28-50; sire, 903720; dam, 2396981.	6 dams----	12	10,438	3.5	366
Used by Louis Scramlin, Cherry Valley.	Difference--	(3-2-3)	+1,402	-.1	+35
HARMIT NEW PRINCE CHARLES 1052873 ----	18 daughters	29	13,334	3.8	508
Born, 11-14-48; proved, 1-17-57; dead ; Minn.	18 dams----	53	12,251	3.7	448
Sire, 950294; dam, 2722146.	Difference--	(13-13-14)	+1,083	+.1	+60
Used by Oswald Lyngaa, Doran.					

HOLSTEIN SIRES	Number	Animals Records averaged	Milk	Test	Fat
			Number	lb.	%
HARTSBROOK SIR ALICE CREAMELLE					
1061614-----	7 daughters-	10	9,952	3.6	361
Preliminary proof, 1-17-57; ; Vt.	6 daughters-	9	9,947	3.7	370
Born, 9-10-48; sire, 815143; dam, 1637943.	6 dams-----	15	9,995	3.5	347
Used by Glenn Rublee, Cuttingsville.	Difference--	(3-4-3)	-48	+.2	+23
HAWTHORN BESSIE CAPTAIN 1019495 -----					
9 daughters-	13	5,166	3.7	189	
Preliminary proof, 1-15-57; dead ; Wis.	9 dams-----	32	6,137	3.7	225
Born, 11-10-46; sire, 830017; dam, 1817891.	Difference--	(2-7-2)	-971	.0	-36
Used by Alvin Blabaum, Highland.					
HEADWIND DIRECT GALLANT 1120484-----					
6 daughters-	7	8,135	3.5	289	
Preliminary proof, 1-31-57; ; Nebr.	5 daughters-	5	8,234	3.6	296
Born, 9-13-50; sire, 1027160; dam, 2842098,	5 dams-----	19	9,712	3.7	364
Used by Calvin Ewing, Mitchell.	Difference--	(1-1-1)	-1,478	-.1	-68
HEWFIELDS RAG APPLE SIR PAUL 1091670**--					
8 daughters-	8	18,211	3.2	587	
Preliminary proof, 1-30-57; alive ; Mich.	5 daughters-	5	18,904	3.3	620
Born, 3-22-49; sire, 1029659; dam, 2568552.	5 dams-----	6	11,797	3.5	414
Used by Wilferd Binder, Bad Axe.	Difference--	(5-2-5)	+7,107	-.2	+206
HICKORY CREEK GOMAR 1111083-----					
7 daughters-	8	11,735	3.7	435	
Preliminary proof, 1-31-57; ; Ill.	7 dams-----	21	12,282	3.7	452
Born, 3-8-50; sire, 933055; dam, 2109818.	Difference--	(4-4-4)	-547	.0	-17
Used by McCulloch & Newman Brothers, Rockford.					
IDAHO BUTTER KING JUDGE 1048286 -----					
5 daughters-	9	14,389	3.4	492	
Preliminary proof, 1-17-57; dead ; Idaho.	5 dams-----	23	13,922	3.4	471
Born, 5-1-48; sire, 739005; dam, 2170003.	Difference--	(3-4-4)	+467	.0	+21
Used by Deaf & Blind School, Gooding.					
INKA BURKE HENGERVELD 1050637 -----					
9 daughters-	9	11,971	3.4	403	
Preliminary proof, 1-17-57; ; Wis.	9 dams-----	29	11,486	3.6	411
Born, 3-8-48; sire, 939724; dam, 2492723.	Difference--	(5-2-4)	+485	-.2	-8
Used by Snyder & Standy, Clinton.					
JONESTER MODEL GUARDSMAN 1066706 -----					
15 daughters	17	14,395	3.6	514	
Born, 8-28-48; proved, 1-15-57; dead ; Ill.	13 daughters	15	14,151	3.5	498
Sire, 763166; dam, 2037005.	13 dams-----	17	13,946	3.3	464
Used by Alvin Anderson, Newark.	Difference--	(6-10-7)	+205	+.2	+34
JOPPA HILL HARTOG SUNBEAM LAD					
1045657 -----	5 daughters-	7	12,612	4.0	509
Preliminary proof, 1-17-57; ; N. H.	5 dams-----	16	11,827	3.9	463
Born, 9-3-48; sire, 984650; dam, 2588466.	Difference--	(3-4-4)	+785	+.1	+46
Used by Alex Shapiro, Bedford.					
KING BATTLE GROUND CHIEFTAIN 1068483 --					
6 daughters-	6	11,914	3.4	403	
Preliminary proof, 1-17-57; ; N. Y.	6 dams-----	18	11,541	3.4	394
Born, 4-12-49; sire, 766065; dam, 2139038.	Difference--	(3-3-3)	+373	.0	+9
Used by Richard Johnson & Son, Schaghticoke.					
KING FOBES COLANTHA HOMESTEAD 978845 -					
12 daughters	23	13,018	3.5	455	
Born, 8-26-46; proved, 1-17-57; ; Mich.	10 daughters	21	13,632	3.5	467
Sire, 854723; dam, 2417568.	10 dams-----	36	12,757	3.5	448
Used by Roy Gilna, Corunna.	Difference--	(6-6-5)	+875	.0	+28
KING RENA HOMESTEAD CREAMELLE					
1023454-----	9 daughters-	18	10,657	3.3	353
Preliminary proof, 1-15-57; ; Ohio.	7 daughters-	15	10,805	3.3	355
Born, 3-12-47; sire, 747714; dam, 1914722.	7 dams-----	20	12,895	3.4	438
Used by George Dalton, Wakeman.	Difference--	(1-4-0)	-2,090	-.1	-83
LAKE PARK PRINCE TRAVELLER 1054644 ---					
8 daughters-	10	9,154	3.6	331	
Preliminary proof, 1-17-57; daed ; Wis.	8 dams-----	27	12,072	3.6	429
Born, 12-8-48; sire, 1014876; dam, 2538904.	Difference--	(1-6-1)	-2,918	.0	-98
Used by Harold Gerbing, Sheboygan.					
LOOKABOUT PURE GOLD 1041018 -----					
13 daughters	26	12,769	3.7	469	
Preliminary proof, 1-17-57; ; Md.	9 daughters-	17	12,924	3.7	479
Born, 5-9-48; sire, 788616; dam, 2289752.	9 dams-----	17	11,406	3.5	400
Used by W. Carl Collins, Cambridge.	Difference--	(8-7-9)	+1,518	+.2	+79
LOUROSE RAG APPLE KING 1067502 -----					
11 daughters	17	11,639	3.6	417	
Born, 11-2-48; proved, 1-17-57; ; Wis.	11 dams-----	46	11,922	3.6	433
Sire, 989594; dam, 2756988.	Difference--	(6-5-4)	-283	.0	-16
Used by Alfred Zellmer, Larsen.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
LUXWOOD ORMSBY ONA (TWIN) 1079400-----	5 daughters-	7	13, 147	3.7	482
Preliminary proof, 1-15-57; ; Iowa.	5 dams-----	13	13, 765	3.9	533
Born, 11-29-48; sire, 754118; dam, 2164016.	Difference--	(2-2-2)	-618	-.2	-51
Used by Elwood Yoder, Wellman.					
MACHOLD COMMANDO ORMSBY 1061691-----	13 daughters	23	10, 100	3.5	356
Born, 11-2-48; proved, 1-17-57; ; N. Y.	12 daughters	21	9, 983	3.5	352
Sire, 935300; dam, 2631603.	12 dams-----	41	11, 384	3.6	415
Used by Harry Smithers, Ogdensburg.	Difference--	(4-3-3)	-1, 401	-.1	-63
MAPLEBEND DEAN KING POSCH 1099477					
*July 55**-----	17 daughters	26	12, 258	3.9	475
Born, 10-31-48; proved, 1-30-57; alive	17 dams-----	49	11, 169	3.7	408
Sire, 920250; dam, 2436178.	Difference--	(13-14-16)	+1, 089	+.2	+67
Used by Southeastern Pa. Co-op A.B.A., Pa.					
MAPLE HAVEN KNIGHT 1042346-----	9 daughters-	12	12, 095	3.8	456
Preliminary proof, 1-17-57; dead ; Conn.	8 daughters-	11	12, 076	3.8	454
Born, 9-16-48; sire, 912388; dam, 2506015.	8 dams-----	28	11, 625	3.6	414
Used by Herbert Kallman, Jewett City.	Difference--	(6-4-7)	+451	+.2	+40
MARLOW FEMCO ALMA PERFECTION					
1018803-----	20 daughters	26	13, 310	3.6	473
Born, 10-13-47; proved, 1-15-57; ; S. Dak.	11 daughters	14	13, 305	3.6	481
Sire, 790424; dam, 2434730.	11 dams-----	15	12, 835	3.5	448
Used by Richard Arndt & Geier, Ortonville.	Difference--	(7-8-7)	+470	+.1	+33
MARVIN CREEK AUTOCRAT JOHN (TWIN)					
1060502-----	7 daughters-	8	11, 956	3.8	456
Preliminary proof, 1-17-57; ; Pa.	7 dams-----	17	11, 428	3.6	417
Born, 2-5-49; sire, 741318; dam, 2496677.	Difference--	(4-5-7)	+528	+.2	+39
Used by John H. Melchor, Easton.					
MCWOOD TRANSMITTER BUTTERCUP					
1035227-----	7 daughters-	12	12, 386	3.5	428
Preliminary proof, 1-15-57; dead ; Wis.	7 dams-----	20	13, 220	3.5	466
Born, 3-7-48; sire, 877497; dam, 2374902.	Difference--	(3-3-3)	-834	.0	-38
Used by Harold Wild & Son, Winslow, Ill.					
MELDOMAR BURKE ADMIRAL BARITO					
1061159-----	5 daughters-	11	12, 406	3.5	436
Preliminary proof, 1-17-57; ; Wis.	5 dams-----	14	11, 465	3.4	385
Born, 1-25-49; sire, 914050; dam, 2629654.	Difference--	(3-4-3)	+941	+.1	+51
Used by Art Hoffer, Watertown.					
MERIWETHER BUCK HESTER TRIUNE					
1047921 -----	11 daughters	15	11, 259	3.7	421
Preliminary proof, 1-17-57; ; Wis.	9 daughters-	13	11, 283	3.8	432
Born, 5-12-48; sire, 822837; dam, 2589153.	9 dams-----	20	12, 582	3.6	456
Used by William Overton, Oshkosh.	Difference--	(1-7-3)	-1, 299	+.2	-24
MERRIMACK REGENT WOOD 1110620-----	8 daughters-	9	10, 765	3.7	394
Preliminary proof, 1-31-57; ; R. I.	7 daughters-	7	10, 934	3.7	400
Born, 1-12-50; sire, 1003074; dam, 2416869.	7 dams-----	24	11, 313	3.6	403
Used by A. Gray, Ashaway.	Difference--	(2-6-2)	-379	+.1	-3
MILKMASTER SENSATION DESIGN 1046599 ---	18 daughters	23	11, 973	3.5	419
Born, 4-4-48; proved, 1-17-57; ; N. Y.	16 daughters	21	12, 367	3.5	436
Sire, 972490; dam, 2690551.	16 dams-----	55	11, 762	3.7	438
Used by Oscar M. Smith, Wallkill.	Difference--	(10-6-7)	+605	-.2	-2
NEWMONT ARISTOCRAT DOUBLE 1057934 ---	6 daughters-	13	8, 887	3.7	330
Preliminary proof, 1-17-57; dead ; N. Y.	5 daughters-	11	9, 140	3.7	338
Born, 3-25-48; sire, 869473; dam, 2397808.	5 dams-----	26	9, 286	3.7	348
Used by Harwood Bogardus, Rossie.	Difference--	(2-4-2)	-146	.0	-10
NUGGET GOVERNOR KORNDYKE 1043695 -----	14 daughters	21	12, 513	3.8	471
Born, 11-24-47; proved, 1-17-57; dead ; Oreg.	14 dams-----	67	15, 031	3.8	571
Sire, 868099; dam, 2469754.	Difference--	(2-7-1)	-2, 518	.0	-100
Used by C. J. Berning, Mt. Angel.					
NYS POINT AIRY NEOLA DEAN 1055728 -----	5 daughters-	7	13, 327	3.5	465
Preliminary proof, 1-17-57; ; N. Y.	5 dams-----	16	12, 521	3.4	423
Born, 10-1-48; sire, 976037; dam, 2034599.	Difference--	(4-4-4)	+806	+.1	+42
Used by St. Lawrence State Hospital, Ogdensburg.					
OLLI HOME ROXIE POSCH MONTVIC 1068041 -	9 daughters-	11	11, 028	3.3	367
Preliminary proof, 1-17-57; ; N. Y.	7 daughters-	8	11, 075	3.4	371
Born, 2-9-49; sire, 964372; dam, 1901877.	7 dams-----	19	12, 098	3.5	424
Used by J. Westheimer & Son, Middleburg.	Difference--	(4-3-3)	-1, 023	-.1	-53

HOLSTEIN Sires	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
ORMSBY PABST COMET SENNET 1099429**---	10 daughters	11	13,285	3.5	464
Born, 3-4-50; proved, 1-30-57; alive ; Minn.	10 dams---	36	11,425	3.6	416
Sire, 959466; dam, 2722397.	Difference--	(6-3-7)	+1,860	-.1	+48
Used by Eldon E. Gremelsbach, Lewiston.					
OSBORNDALE SPITFIRE SIR ORMSBY 1065195-15 daughters	18	11,663	3.7	430	
Preliminary proof, 1-17-57; ; N. Y.	8 daughters-	9	10,825	3.7	401
Born, 5-9-48; sire, 760643; dam, 2389444.	8 dams----	18	13,218	3.7	495
Used by Harry Frank, Boonville.	Difference--	(2-5-2)	-2,393	.0	-94
OSMAN BELBLOOM BURKE 1056412 -----	13 daughters	16	10,199	3.8	387
Born, 12-20-48; proved, 1-17-57; ; Wis.	13 dams----	46	10,554	3.8	383
Sire, 969667; dam, 2619151.	Difference--	(5-10-7)	-355	+.2	+4
Used by Victor Stoltenburg, Newton.					
PABST ROAMER WAYNE EYEBRIGHT 1044436-17 daughters	20	13,162	3.6	480	
Born, 8-27-48; proved, 1-17-57; dead ; Pa.	14 daughters	17	12,957	3.7	478
Sire, 859213; dam, 2613389.	14 dams----	45	12,190	3.8	467
Used by Fred Ross, Friedens.	Difference--	(6-5-6)	+767	-.1	+11
PABST ROBURKE JEWEL 1052193 -----	9 daughters-	13	12,274	3.6	441
Preliminary proof, 1-17-57; ; N. Y.	6 daughters-	9	12,320	3.5	434
Born, 12-3-48; sire, 859213; dam, 2435169.	6 dams----	12	10,339	3.6	368
Used by Lynn Fitch, Poland.	Difference--	(5-4-4)	+1,981	-.1	+66
PAGANOK CRESCENT BEAUTY REX 1083826--5 daughters-	5	13,566	3.6	495	
Preliminary proof, 1-15-57; dead ; Ill.	5 dams----	18	14,163	3.6	515
Born, 10-24-49; sire, 925878; dam, 2710963.	Difference--	(2-3-1)	-597	.0	-20
Used by Albers & Ehmen, St. Josephs.					
PEEGIE KING AL POSCH 1103055 -----	10 daughters	12	12,623	3.5	438
Preliminary proof, 1-15-57; ; Pa.	8 daughters-	10	12,482	3.5	438
Born, 1-2-50; sire, 887349; dam, 2436756.	8 dams----	21	13,532	3.6	482
Used by P. G. Lichtenwalner & Sons,	Difference--	(3-4-1)	-1,050	-.1	-44
Center Valley.					
PICKITT ACRES ADMIRAL GRAND 1130113---5 daughters-	5	11,771	3.7	440	
Preliminary proof, 1-31-57; ; Mich.	5 dams----	6	10,183	3.8	388
Born, 5-30-50; sire, 1009710; dam, 2993700.	Difference--	(4-2-4)	+1,588	-.1	+52
Used by Robert Hopkins, Allegan.					
PRINCE EDNA RENOWN 1068766-----12 daughters	23	13,094	3.7	483	
Born, 9-9-48; proved, 1-15-57; dead ; Minn.	12 dams----	50	13,318	3.7	498
Sire, 841585; dam, 2443900.	Difference--	(4-6-3)	-224	.0	-15
Used by Floyd D. Hogan, Aitkin.					
RAG APPLE PRILLY HEILO 1078222-----5 daughters-	8	12,351	3.8	466	
Preliminary proof, 1-15-57; dead ; Ill.	5 dams----	23	12,044	3.7	446
Born, 11-20-48; sire, 923749; dam, 2501890.	Difference--	(3-2-3)	+307	+.1	+20
Used by Bastain Brothers, Hinckley.					
RICHVALE SENATOR DUKE 1048873 -----	5 daughters-	10	9,974	3.6	362
Preliminary proof, 1-17-57; dead ; Md.	5 dams----	21	12,202	3.4	414
Born, 7-30-48; sire, 834606; dam, 2292286.	Difference--	(2-4-2)	-2,228	+.2	-52
Used by Maurice Lee Dade, Jefferson.					
RIEKENAS REGAL LAD 1136165**-----8 daughters-	8	16,599	3.5	585	
Preliminary proof, 1-30-57; alive ; Iowa.	8 dams----	24	14,900	3.4	513
Born, 2-21-51; sire, 901195; dam, 2624037.	Difference--	(7-4-7)	+1,639	+.1	+72
Used by Clarence & Leon Bockes, Grundy Center.					
ROCKY HILL LIB LASS MONTVIC 1055421----16 daughters	24	12,955	3.9	510	
Born, 11-18-48; proved, 1-17-57; ; Calif.	13 daughters	18	13,392	4.0	534
Sire, 994046; dam, 2290676.	13 dams----	62	13,366	3.8	502
Used by Fred Plocher & Sons, Woodland.	Difference--	(9-10-9)	+26	+.2	+32
ROSENDALE FOBES LYONS 1107836-----9 daughters-	13	11,695	3.7	427	
Preliminary proof, 1-31-57; ; Minn.	9 dams----	46	11,618	3.9	456
Born, 11-24-49; sire, 969947; dam, 2737140.	Difference--	(5-4-1)	+77	-.2	-29
Used by Fred Rentz, Saint James.					
ST CROIXCO BESS BURKE CHIP 1061650 ----16 daughters	23	8,898	3.9	351	
Born, 1-19-49; proved, 1-17-57; ; Wis.	16 dams----	82	11,009	3.5	390
Sire, 971854; dam, 2698337.	Difference--	(2-14-5)	-2,111	+.4	-39
Used by William M. Nelson, Balsam Lake.					
SEGIS CHIEFTAIN DICTATOR 1053497 -----10 daughters	15	7,902	3.1	248	
Preliminary proof, 1-17-57; dead ; Wis.	5 daughters-	6	7,448	3.2	241
Born, 11-17-48; sire, 1016346; dam, 2653866.	5 dams----	8	6,910	3.3	227
Used by John Gossard, Bangor.	Difference--	(3-2-3)	+538	-.1	+14

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
SEGIS TRIANGLE BESSIE LAD 1076109-----	7 daughters-	10	10,425	3.5	366
Preliminary proof, 1-15-57; ; Ill.	7 dams-----	15	11,012	3.5	388
Born, 9-16-48; sire, 923750; dam, 2443853.	Difference--	(3-4-4)	-587	.0	-22
Used by Clarence Kingman & Sons, Gardner.					
SIR IVAN DESIGN 1107988-----	6 daughters-	7	13,581	3.5	473
Preliminary proof, 1-31-57; dead ; Nebr.	6 dams-----	20	14,346	3.4	491
Born, 1-26-50; sire, 738106; dam, 1849120.	Difference--	(2-5-2)	-765	+.1	-18
Used by Board of Control, Lincoln.					
SKYWAY GOLDEN PRINCE 1066580 -----	9 daughters-	11	8,923	3.7	327
Preliminary proof, 1-15-57; ; Vt.	9 dams-----	29	11,319	3.5	397
Born, 8-25-48; sire, 976711; dam, 2682549.	Difference--	(2-6-2)	-2,396	+.2	-70
Used by Gilman & Morgan, West Rutland.					
SMOKY HILL BURKE HYACINTH MARK 1050713 -----	6 daughters-	11	11,156	3.9	434
Preliminary proof, 1-17-57; ; Kans.	5 daughters-	10	11,375	3.9	444
Born, 8-26-48; sire, 866497; dam, 2475596.	5 dams-----	23	12,502	3.7	463
Used by Ferdinand Piescht, Bennington.	Difference--	(1-5-1)	-1,127	+.2	-19
SNOWBANK JEWEL LAD 1056722 -----	28 daughters	29	10,764	3.5	381
Born, 1-15-49; proved, 1-17-57; ; N. Y.	24 daughters	25	10,702	3.5	379
Sire, 857482; dam, 2779002.	24 dams-----	49	11,311	3.3	370
Used by Falke Farms, Prattsville.	Difference--	(8-22-13)	-609	+.2	+9
SON MAYTAG CREAMELLE 1130133**-----	5 daughters-	5	11,399	3.6	407
Preliminary proof, 1-30-57; alive ; Iowa.	5 dams-----	13	10,478	3.3	348
Born, 11-2-50; sire, 1027819; dam, 3001882.	Difference--	(4-5-5)	+921	+.3	+59
Used by P. Gerholdt & D. Case, Sumner.					
SOVEREIGN OF LADANNA 1067103 -----	10 daughters	12	11,281	3.7	412
Born, 3-12-49; proved, 1-15-57; dead ; N. Y.	10 dams----	38	12,456	3.2	404
Sire, 991101; dam, 2490691.	Difference--	(3-8-5)	-1,175	+.5	+8
Used by Leo Geise, Randolph.					
SOVEREIGN OF LAWBRO 1110477-----	9 daughters-	18	13,928	3.8	533
Preliminary proof, 1-31-57; ; N. Y.	6 daughters-	12	13,201	3.9	517
Born, 1-18-49; sire, 155159 CHB;	6 dams-----	24	12,577	3.6	455
dam, 3034999.	Difference--	(4-6-4)	+624	+.3	+62
Used by Lawrence Brothers, Conklin.					
SPIES PRINCE DICTATOR 1110206-----	5 daughters-	5	9,973	3.5	353
Preliminary proof, 1-30-57; ; Iowa.	5 dams-----	17	14,577	3.5	508
Born, 12-16-49; sire, 988861; dam, 2902964.	Difference--	(0-2-0)	-4,604	.0	-155
Used by Bart Benna, Alta.					
STEILACOOM ONDINE KING 1102493**-----	8 daughters-	10	11,778	3.3	394
Preliminary proof, 1-30-57; ; Wash.	6 daughters-	8	13,073	3.4	440
Born, 8-1-49; sire, 792121; dam, 2467950.	6 dams-----	11	14,274	3.3	477
Used by Western State Hospital, Fort Steilacoom.	Difference--	(2-3-1)	-1,201	+.1	-37
SUSSEX GOVERNOR EMPEROR 1028074-----	15 daughters	12	12,116	3.8	458
Born, 6-29-47; proved, 1-15-57; dead ; Md.	12 daughters	17	12,084	3.7	453
Sire, 929920; dam, 2426289.	12 dams-----	39	11,240	3.6	399
Used by Tarbutton & Lusby, Kennedyville.	Difference--	(8-10-10)	+844	+.1	+54
TABUR CHIEFTAIN SUNSHINE 1094414** -----	9 daughters-	14	11,716	3.7	428
Preliminary proof, 1-25-57; alive ; Mo.	9 dams-----	15	8,751	3.8	329
Born, 1-24-49; sire, 938803; dam, 2528423.	Difference--	(8-6-7)	+2,965	-.1	+99
Used by C. C. Bretches, Grandview.					
TABUR SOVEREIGN MAN-O-WAR 1114116**---	11 daughters	13	15,446	3.8	589
Born, 6-20-50; proved, 1-30-57; alive ; Nebr.	11 dams----	18	14,406	3.3	481
Sire, 1078849; dam, 2605751.	Difference--	(6-11-8)	+1,040	+.5	+108
Used by Lester Fishler, Central City.					
TEDSBRO ORMSBY SIR PLEBE 1034587-----	7 daughters-	9	12,102	3.5	427
Preliminary proof, 1-15-57; ; Ind.	6 daughters-	7	12,147	3.4	416
Born, 12-11-47; sire, 913521; dam, 2346047.	6 dams-----	22	10,750	3.4	362
Used by Indiana Reformatory, Pendleton.	Difference--	(4-3-4)	+1,397	.0	+54
TEMPLEQUE MASTER ONA PIETJE 1045753 -	12 daughters	25	12,125	3.5	422
Preliminary proof, 1-17-57; ; Pa.	9 daughters-	21	12,551	3.5	436
Born, 8-28-48; sire, 856661; dam, 2187500.	9 dams-----	33	13,206	3.7	483
Used by Carl McCall, Butler.	Difference--	(3-1-3)	-655	-.2	-47

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
TRITOMIA LOCHINVAR DUNLOGGIN 1110061--	5 daughters-	5	13,774	3.5	481
Preliminary proof, 1-30-57; dead ; Iowa.	5 dams----	21	15,186	3.5	537
Born, 12-4-49; sire, 915469; dam, 1908615.	Difference--	(2-2-2)	-1,412	.0	-56
Used by Henry County Home, Mount Pleasant.					
TRITOMIA ROAMER JESS 1102750**	32 daughters	33	13,585	3.8	518
Born, 2-28-50; proved, 1-25-57; ; Iowa.	30 daughters	31	13,646	3.8	521
Sire, 984796; dam, 2925546.	30 dams----	106	12,368	3.6	451
Used by George A. Mark, Iowa Falls.	Difference--	(21-26-26)	+1,278	+.2	+70
UNEEDA BUTTER GIRL COMET 1075610					
*July 55**	19 daughters	34	12,577	3.9	489
Born, 7-24-48; proved, 1-30-57; alive.	15 daughters	25	12,572	3.8	483
Sire, 959466; dam, 2242596.	15 dams----	35	13,512	3.7	501
Used by Southeastern Pa. Co-op A.B.A., Pa.	Difference--	(5-11-6)	-940	+.1	-18
VALLA VISTA BUNNY ORMSBY 1107327-----	6 daughters-	7	14,605	3.4	499
Preliminary proof, 1-31-57; ; Kans.	6 dams----	25	15,498	3.4	524
Born, 3-8-50; sire, 1070426; dam, 2647275.	Difference--	(3-3-3)	-893	.0	-25
Used by Harlin Phillips, Mayetta.					
WAYNE CO HO DEAN 1108914-----	7 daughters-	7	13,062	4.0	517
Preliminary proof, 1-31-57; ; N. Y.	7 dams----	26	14,383	4.0	573
Born, 1-18-50; sire, 927848; dam, 2670085.	Difference--	(1-5-1)	-1,321	.0	-56
Used by George & Howard Bradley, Macedon Center.					
WAYNE ORMSBY IMPERIAL BURKE 1128614**	8 daughters-	8	12,310	3.6	441
Preliminary proof, 1-25-57; dead ; Minn.	8 dams----	21	10,322	3.6	374
Born, 11-27-50; sire, 813170; dam, 2658321.	Difference--	(8-5-8)	+1,988	.0	+67
Used by Jack Jensen, Albert Lea.					
WEBER ADMIRAL BURKE DESIGN 1044386 --	7 daughters-	9	12,939	3.4	435
Preliminary proof, 1-17-57; ; Utah.	5 daughters-	5	13,000	3.4	443
Born, 5-16-48; sire, 882922; dam, 2278163.	5 dams----	17	11,393	3.6	412
Used by Merwin Thompson, Ogden.	Difference--	(4-3-4)	+1,607	-.2	+31
WHIRLHILL MAXIM 1067014 -----	6 daughters-	7	11,381	3.7	419
Preliminary proof, 1-15-57; ; N. Y.	6 dams----	40	12,001	3.6	434
Born, 2-27-49; sire, 975892; dam, 2412588.	Difference--	(3-4-2)	-620	+.1	-15
Used by Floyd Shimmel & Son, La Fargeville.					
WHIRLHILL ORMSBY PRIDE 1108141-----	7 daughters-	7	7,227	3.8	274
Preliminary proof, 1-31-57; ; Vt.	7 dams----	40	10,039	3.4	339
Born, 11-9-49; sire, 975892; dam, 2515976.	Difference--	(1-6-1)	-2,812	+.4	-65
Used by Charles Lovejoy, South Royalton.					
WINEBROOK COMET BARTA BURKE 1132891**	7 daughters-	10	12,704	3.9	499
Preliminary proof, 1-25-57; ; Minn.	7 dams----	42	12,766	3.8	485
Born, 10-21-50; sire, 1017182; dam, 3035232.	Difference--	(3-4-4)	-62	+.1	+14
Used by Hugo Johnson & Son, Glenville.					
WINTERTHUR ALERT FOBES DOUGLAS					
1041433 -----	25 daughters	34	12,844	3.4	440
Born, 7-30-48; proved, 1-17-57; ; N. Y.	18 daughters	26	13,221	3.4	456
Sire, 959484; dam, 2419853.	18 dams----	71	12,922	3.6	467
Used by R. B. Sleeper, Horseheads.	Difference--	(10-3-9)	+299	-.2	-11
WIS CLIMAX 1046285 -----	6 daughters-	8	11,636	3.5	413
Preliminary proof, 1-17-57; ; Wis.	6 dams----	10	11,196	3.4	381
Born, 5-7-48; sire, 933122; dam, 2476654.	Difference--	(2-5-3)	+440	+.1	+32
Used by Harold Imig, Neillsville.					
WOOSTERDALE ECHORIDGE CAVALIER					
1058500*Nov. 55**-----	19 daughters	26	13,264	3.7	490
Born, 11-24-48; proved, 1-30-57; ; N. Y.	19 dams----	92	15,020	3.5	526
Sire, 863791; dam, 2627383.	Difference--	(3-17-5)	-1,756	+.2	-36
Used by E. C. Strobeck, Macedon.					
YORKSON SIR BESSIE ADANTHA 1130533-----	9 daughters-	10	12,155	3.6	443
Preliminary proof, 1-31-57; ; N. Y.	9 dams----	18	12,823	3.8	491
Born, 2-27-50; sire, 1081207; dam, 2540255.	Difference--	(3-4-2)	-668	-.2	-48
Used by Our Lady of Genesee, Plifford.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
APPLETREE VALIANT ROYALIST 496470-----	10 daughters	23	6,303	5.0	315
Preliminary proof, 1-31-57; ; Vt.	7 daughters-	18	6,510	4.9	318
Born, 1-16-47; sire, 469140; dam, 1358435.	7 dams-----	20	7,328	4.8	351
Used by A. B. & B. A. Boyer, Burlington.	Difference--	(2-3-2)	-818	+.1	-33
ASGAARD SULTAN HELGAR 534872-----	5 daughters-	6	5,625	5.0	280
Preliminary proof, 1-25-57; ; N. Y.	5 dams-----	15	6,602	4.8	317
Born, 2-5-50; sire, 422988; dam, 1411050.	Difference--	(0-3-0)	-977	+.2	-37
Used by Rockwell Kent, Au Sable Forks.					
BILTMORE SIGNAL OXFORD 527629** -----	5 daughters-	5	9,255	5.2	481
Preliminary proof, 1-17-57; ; N. C.	5 dams-----	16	8,164	5.3	434
Born, 5-6-50; sire, 419567; dam, 1131998.	Difference--	(4-2-4)	+1,091	-.1	+47
Used by Clayton Hodges, Fletcher.					
BILTMORE SIGNAL PLAYBOY 529904 -----	5 daughters-	6	10,110	5.0	510
Preliminary proof, 1-17-57; ; N. C.	5 dams-----	27	9,206	5.2	495
Born, 6-24-50; sire, 419567; dam, 1582695.	Difference--	(3-3-2)	+904	-.2	+15
Used by Russell Oxford, Taylorsville.					
BIMIMI SYBIL STOCKWELL 497349-----	8 daughters-	10	7,970	4.8	382
Preliminary proof, 1-31-57; ; Pa.	5 daughters-	6	8,076	5.0	400
Born, 1-7-48; sire, 452341; dam, 1419451.	5 dams-----	11	7,819	4.8	378
Used by D. E. Williams, Ivyland.	Difference--	(3-3-3)	+257	+.2	+22
BLONDE BILTMORE POET 552904-----	8 daughters-	8	6,885	5.4	368
Preliminary proof, 1-30-57; ; Ohio.	8 dams-----	26	6,758	5.3	357
Born, 1-24-50; sire, 408731; dam, 1174353.	Difference--	(4-4-5)	+127	+.1	+11
Used by J. L. Stuckey, Wilmington.					
BLONDE OBSERVER HENRY 492217-----	8 daughters-	8	7,268	4.8	350
Preliminary proof, 1-30-57; ; Ohio.	7 daughters-	7	7,250	4.8	349
Born, 1-19-47; sire, 402410; dam, 1448045.	7 dams-----	10	7,214	5.1	371
Used by Perl D. & Myron Elliott, New	Difference--	(4-3-4)	+36	-.3	-22
Concord.					
BRAMPTON W R HUSH BASIL 495171 -----	6 daughters-	7	6,100	5.0	303
Preliminary proof, 1-17-57; ; Ohio.	6 dams-----	23	6,368	5.2	332
Born, 11-16-49; sire, 101251 CHB;	Difference--	(3-2-4)	-268	-.2	-29
dam, 122474 CHB.					
Used by Ray Wetherell, Pickerington.					
BRENIN OF PLAS NEWYDD 475216-----	8 daughters-	15	7,621	5.2	393
Preliminary proof, 1-30-57; ; Wash.	7 daughters-	14	7,952	5.2	412
Born, 2-18-45; sire, 437534; dam, 1373568.	7 dams-----	11	7,405	5.2	384
Used by Ferris English E., Camas.	Difference--	(4-4-5)	+547	.0	+28
BROWNYS DESIGNER AIM 519549-----	7 daughters-	9	6,698	5.6	373
Preliminary proof, 1-31-57; ; Conn.	7 dams-----	17	7,806	5.3	412
Born, 8-26-49; sire, 485610; dam, 1515009.	Difference--	(2-6-2)	-1,108	+.3	-39
Used by Gustave Schirmer, Greenwich.					
DUKE DRACONIS OXFORD ASTOR 526668-----	5 daughters-	5	5,737	5.7	324
Preliminary proof, 1-25-57; ; Vt.	5 dams-----	19	7,498	5.8	435
Born, 7-1-50; sire, 402929; dam, 1530597.	Difference--	(0-2-1)	-1,761	-.1	-111
Used by R. H. Maxham, Quechee.					
GEMS GOLD KING 519845-----	5 daughters-	6	10,568	5.1	539
Preliminary proof, 1-31-57; ; Kans.	5 dams-----	10	8,854	5.7	509
Born, 7-18-49; sire, 489410; dam, 1331650.	Difference--	(5-0-2)	+1,714	-.6	+30
Used by Donald B. Fisher, Saint John.					
GENTEE GOLD BELL 464395** -----	7 daughters-	21	7,596	5.3	406
Preliminary proof, 1-25-57; dead ; Va.	7 dams-----	20	7,424	5.4	398
Born, 2-15-45; sire, 379063; dam, 1130808.	Difference--	(3-3-5)	+172	-.1	+8
Used by Presbyterian Orphan Home, Lynchburg.					
IMP. JINGO'S GOLDEN VICTORY 526054-----	7 daughters-	8	6,130	5.6	342
Preliminary proof, 1-30-57; ; Ohio.	7 dams-----	12	6,525	5.7	370
Born, 2-26-50; sire, P. S. 7927 H. C.;	Difference--	(2-3-2)	-395	-.1	-28
dam, P. S. 55721 H. C.					
Used by Carl House, Camden.					
ISABEL'S VALIANT PINN 511488-----	9 daughters-	12	5,933	5.4	320
Preliminary proof, 1-15-57; ; Minn.	9 dams-----	24	6,551	5.4	354
Born, 7-3-48; sire, 460874; dam, 1389543.	Difference--	(4-4-4)	-618	.0	-34
Used by Robert T. Wilson, Elkton.					
JESTER DESIGNING BASIL 535577 -----	6 daughters-	6	7,455	4.6	343
Preliminary proof, 1-17-57; alive ; Ky.	6 dams-----	19	9,639	4.8	459
Born, 3-8-51; sire, 448354; dam, 1428214.	Difference--	(2-1-2)	-2,184	-.2	-116
Used by Murray College Farm, Murray.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat		
			Number	Number	lb.	%	lb.
JESTER WONDERFUL JESTER 503657-----	9 daughters-	10	8,373	5.4	454		
Preliminary proof, 1-17-57; ; N. Y.	8 daughters-	9	7,971	5.5	440		
Born, 10-18-47; sire, 464683; dam, 1398922.	8 dams----	33	8,408	5.3	443		
Used by Gordon Smith, East Concord.	Difference--	(3-5-4)	-437	+.2	-3		
LILLIAN CADMAN OWL 525671-----	5 daughters-	5	7,718	5.7	437		
Preliminary proof, 1-31-57; ; N. J.	5 dams----	18	8,458	5.8	487		
Born, 3-8-50; sire, 475548; dam, 1018545.	Difference--	(2-2-2)	-740	-.1	-50		
Used by Louis Kiesling, Bordentown.							
MASTERMAN STANDARD FORUM 523394-----	5 daughters-	5	4,446	5.6	249		
Preliminary proof, 1-30-57; ; Texas.	5 dams----	12	7,171	5.2	372		
Born, 2-8-50; sire, 431562; dam, 1360414.	Difference--	(0-4-1)	-2,725	+.4	-123		
Used by Luling Foundation, Luling.							
MEADOWLARK JESTER COMMANDO 537664**-	6 daughters-	6	6,777	5.1	343		
Preliminary proof, 1-25-57; ; Kans.	6 dams----	13	6,138	4.7	291		
Born, 5-26-51; sire, 519111; dam, 1571789.	Difference--	(4-5-4)	+639	+.4	+52		
Used by E. A. Peters & Sons, Walton.							
NAPOLEON OF BLUFFSIDE 504274-----	8 daughters-	23	8,537	5.8	494		
Preliminary proof, 1-31-57; ; Vt.	8 dams----	32	8,909	5.9	527		
Born, 5-10-47; sire, 367391; dam, 1142117.	Difference--	(3-4-3)	-372	-.1	-33		
Used by N. T. & R. V. Scott, Newport.							
NESTA'S BLONDE PINN 521250-----	7 daughters-	8	8,544	5.3	451		
Preliminary proof, 1-15-57; dead ; Ind.	6 daughters-	7	8,544	5.3	451		
Born, 12-17-48; sire, 440488; dam, 1477797.	6 dams----	10	8,201	5.2	430		
Used by Lamb & Keesling, Selma.	Difference--	(3-4-3)	+343	+.1	+21		
OLIVER COME SON LEADER 549365 -----	6 daughters-	6	7,105	5.9	417		
Preliminary proof, 1-17-57; ; Wash.	6 dams----	22	8,091	5.9	474		
Born, 4-13-49; sire, 394732; dam, 1357251.	Difference--	(0-3-0)	-986	.0	-57		
Used by Nelson & Tomlinson, Walla Walla.							
PLEASANT VIEW X ROYAL SUPERB 509062---	8 daughters-	8	7,361	5.1	372		
Preliminary proof, 1-15-57; ; Iowa.	5 daughters-	5	7,454	5.1	380		
Born, 12-16-48; sire, 408743; dam, 1401743.	5 dams----	23	7,831	5.7	449		
Used by Paul Baty, Coggon.	Difference--	(3-0-1)	-377	-.6	-69		
P. V. F. SIEGFRIED MAJOR 534358 -----	6 daughters-	6	9,084	5.0	455		
Preliminary proof, 1-17-57; ; N. Y.	6 dams----	18	9,468	5.1	486		
Born, 10-4-50; sire, 497567; dam, 1615422.	Difference--	(2-3-2)	-384	-.1	-31		
Used by Mark Chamberlain, Wyoming.							
REXTAURUS PREEMINENT 510447 -----	7 daughters-	11	9,240	5.2	482		
Preliminary proof, 1-17-57; ; N. Y.	7 dams----	27	8,338	5.3	441		
Born, 3-7-48; sire, 404113; dam, 1433511.	Difference--	(5-4-4)	+902	-.1	+41		
Used by C. E. Eldridge, Pine Plains.							
SHADEWELL MAGIC SIR 487544-----	9 daughters-	15	8,479	5.3	445		
Preliminary proof, 1-30-57; ; N. Y.	8 daughters-	13	8,473	5.2	444		
Born, 2-18-47; sire, 458311; dam, 1293028.	8 dams----	42	7,896	5.0	392		
Used by Richard Lightfoot, Corning.	Difference--	(7-7-7)	+577	+.2	+52		
SON'S VOLUNTEER NOBLE 515546 -----	9 daughters-	11	7,428	5.0	368		
Preliminary proof, 1-17-57; ; Pa.	7 daughters-	9	7,347	4.9	363		
Born, 3-8-49; sire, 488729; dam, 1541532.	7 dams----	15	7,103	5.0	354		
Used by Kenneth Lusk & Sons, Eightyfour.	Difference--	(4-4-3)	+244	-.1	+9		
STANDARD WILONYX JOY 498723*Aug. 54**	14 daughters	33	8,477	5.4	457		
Born, 12-9-47; proved, 1-25-57; dead; Ill.	14 dams----	55	8,538	5.5	470		
Sire, 376841; dam, 1130096.	Difference--	(8-7-8)	-61	-.1	-13		
Used by Merritt D. Semple, Olney.							
SYBIL OWL CONSTANT GUTHRIE 523858 -----	7 daughters-	8	7,592	4.7	356		
Preliminary proof, 1-17-57; ; Vt.	7 dams----	22	6,989	5.2	364		
Born, 1-7-50; sire, 481632; dam, 1362144.	Difference--	(5-0-5)	+603	-.5	-8		
Used by Jean Simpson, East Craftsbury.							
SYBIL OWL DUKE FRANKIE 477819 -----	14 daughters	29	5,856	5.8	341		
Born, 5-14-46; proved, 1-17-57; ; Vt.	11 daughters	25	6,134	5.8	356		
Sire, 396681; dam, 1210953.	11 dams----	39	6,859	5.4	367		
Used by Chester P. Child, South Pomfret.	Difference--	(4-9-5)	-725	+.4	-11		
SYLVIA TAXPAYLER 509018-----	8 daughters-	12	7,671	5.5	420		
Preliminary proof, 1-15-57; ; Wash.	7 daughters-	10	7,626	5.4	414		
Born, 6-2-48; sire, 471545; dam, 1448772.	7 dams----	20	8,688	5.5	479		
Used by R. G. Gibson, Winlock.	Difference--	(0-3-0)	-1,062	-.1	-65		

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
			Number	Number	lb.
TYCOON SYBIL DUKE OF P. R. 522324-----	7 daughters-	8	8,733	5.6	489
Preliminary proof, 1-31-57; ; N. H.	7 dams-----	39	9,292	5.5	509
Born, 9-13-49; sire, 421657; dam, 1513158.	Difference--	(3-4-3)	-559	+.1	-20
Used by H. P. McCleary, Cornish.					
UPWEY WONDER EDICT 520779-----	6 daughters-	7	8,370	5.6	466
Preliminary proof, 1-30-57; ; Vt.	6 daughters-	6	8,490	5.5	471
Born, 9-7-49; sire, 452882; dam, 1285090.	5 dams-----	17	9,019	5.6	505
Used by John Dana, Sharon.	Difference--	(1-2-3)	-529	-.1	-34
VICTORY LAD'S PRINCE 514196*-----	6 daughters-	9	7,920	5.6	444
Preliminary proof, 1-25-57; ; Iowa.	6 dams-----	13	7,890	5.5	432
Born, 11-28-48; sire, 473215; dam, 1418939.	Difference--	(2-2-3)	+30	+.1	+12
Used by Clair Wemer, Rose Hill.					
WORLDS RECORDS LORD CHAMPION 537666--	5 daughters-	5	10,252	5.4	551
Preliminary proof, 1-17-57; alive ; Iowa.	5 dams-----	24	9,805	5.2	514
Born, 3-16-51; sire, 486937; dam, 1232037.	Difference--	(2-3-3)	+447	+.2	+37
Used by Everette Davis, Crawfordsville.					

MILKING SHORTHORN SIRES

ADBETH PHYLLIS' CHIEF 2389111 -----	6 daughters-	12	7,332	4.0	294
Preliminary proof, 1-15-57; dead ; Ill.	5 daughters-	8	7,185	4.0	290
Born, 7-3-46; sire, 2242171; dam, 2322143.	5 dams-----	11	7,559	3.9	292
Used by Arnold Kohley, Lisle.	Difference--	(3-5-3)	-374	+.1	-2
BLACKWOOD FLASH 75925-----	6 daughters-	7	8,623	3.7	318
Preliminary proof, 1-15-57; dead ; Iowa.	6 dams-----	25	8,566	3.8	328
Born, 10-8-49; sire, 82952; dam, 2469666.	Difference--	(3-2-2)	+57	-.1	-10
Used by Curtis Frymoyer, Wilton Junction.					
CEDAR ROCK FAIRY DUKE 85820-----	9 daughters-	9	7,597	3.6	273
Preliminary proof, 1-15-57; dead ; Iowa.	8 daughters-	8	7,434	3.6	269
Born, 3-14-50; sire, 2392661; dam, 2130629.	8 dams-----	34	7,142	3.8	270
Used by H. W. Leech & Son, Westgate.	Difference--	(5-5-4)	+292	-.2	-1
GRASSY LANE CAVALIER 2479212-----	7 daughters-	8	6,525	3.8	249
Preliminary proof, 1-17-57; ; N. Y.	6 daughters-	6	6,401	3.8	245
Born, 1-3-48; sire, 2304115; dam, 2259535.	6 dams-----	11	8,036	3.7	298
Used by Thomas Reynolds, Oneida.	Difference--	(1-4-1)	-1,635	+.1	-53
GRATWICKE WATERLOO DUKE 8TH 78277----	9 daughters-	12	8,895	3.8	339
Preliminary proof, 1-15-57; alive ; N. Y.	9 dams-----	39	8,241	3.7	306
Born, 5-7-48; sire, 306370; dam, 212441.	Difference--	(6-6-6)	+654	+.1	+33
Used by Last Chance Ranch, Lake Placid.					
HOLLANDALE QUALIFIER 2453877*-----	7 daughters-	7	8,130	4.0	328
Preliminary proof, 1-25-57; ; Iowa.	5 daughters-	5	7,968	4.0	320
Born, 6-2-47; sire, 32926; dam, 2048037.	5 dams-----	14	7,552	3.9	296
Used by Hans Guldager, Ackley.	Difference--	(3-3-3)	+416	+.1	+24
MAIDSTONE FREDASON 2250571-----	10 daughters	18	7,226	4.1	299
Preliminary proof, 1-17-57; dead ; Va.	7 daughters-	14	7,594	4.1	315
Born, 8-15-44; sire, 1993348; dam, 1896292.	7 dams-----	17	6,817	4.0	273
Used by R. G. Pierce, Rectortown.	Difference--	(5-4-5)	+777	+.1	+42
MEADOWBROOK ROYAL KING P75781-----	6 daughters-	6	6,509	3.8	249
Preliminary proof, 1-15-57; dead ; Ill.	5 daughters-	5	6,229	3.8	236
Born, 4-15-46; sire, P2151; dam, 2224256.	5 dams-----	14	7,930	3.8	298
Used by A. V. Ritchie & Son, Colfax.	Difference--	(2-3-2)	-1,701	.0	-62
ROBIN HOOD'S GIFT 78211-----	7 daughters-	10	7,583	3.8	290
Preliminary proof, 1-15-57; alive ; Okla.	5 daughters-	7	6,954	3.6	252
Born, 7-7-45; sire, 1833030; dam, 2189628.	5 dams-----	8	5,020	3.7	186
Used by James Box, Sand Springs.	Difference--	(4-4-4)	+1,934	-.1	+66
SUNNY HOME DUKE 2D 2456457-----	6 daughters-	12	7,055	3.8	269
Preliminary proof, 1-15-57; dead ; Iowa.	5 daughters-	10	6,636	3.9	257
Born, 8-25-47; sire, 2250302; dam, 1938162.	5 dams-----	8	6,595	3.9	257
Used by Adolph Breining, Irwin.	Difference--	(2-3-3)	+41	.0	0

RED DANE SIRES

ROY ROSE BONAPPEL 00007**-----	15 daughters	16	8,705	4.2	365
Preliminary proof, 1-25-57; alive.	7 daughters-	7	9,337	4.2	396
Born, 11-21-48; sire, 51*D577; dam, 00012.	7 dams-----	13	9,930	3.8	376
Used by Mich. Co-op. A. B. A., Inc., Mich.	Difference--	(2-7-4)	-593	+.4	+20

